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ASIAN SCIENTIFIC INSTRUMENTS
SUPER MARKET FOR LAB ITEMS



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Asian Estate : 4-I-10, Tilak Road Opposite Posnett Bhavan Hyderabad, Telangana-500 001

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BEAKERS

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Whether it is research, industry or education, the Beaker has a wide range of applications. This simple container, used for stirring and mixing liquids, is also ideal for heating them. Controlled wall thickness at the sides, radius and the base, ensures a fine balance between the thermal resistance and mechanism strength, to enable effective heating. Many Beakers also have a spout that makes pouring easier and more precise.

BOROSIL Scientific Glassware are best-in-class products with several advantages. They have a high level of thermal shock resistance and a high operating temperature. Besides using USP type I borosilicate glass constant quality control checks are conducted throughout the production process to ensure uniformity of the wall thickness. Such uniform wall thickness distribution prevents uneven expansion and stressing of the glass that often results in a failure.

Beakers are mainly used as heating vessels. The tall-shape design of the Beaker is ideal for heating in a liquid bath, especially when the contents need to be kept distinctly apart from the surrounding medium or materials, BOROSIL Scientific brand Low Form Beaker (Cat. No. 1000) and BOROSIL Scientific brand Tall Form Beaker (Cat No. 1060) are two popular styles used for storage and mixing.

BOROSIL Scientific offers full range of beakers to suit every applications.

SINCE

Made from 3.3 Low Expansion
Borosilicate Glass



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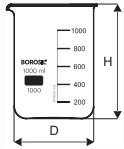
BEAKERS



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1000 - LOW FORM BEAKER With Spout

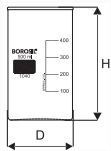
- Complies with IS 2619 /ISO 3819 and DIN 12331
- The spout design enables clean and precise pouring
- Graduated to indicate the approximate content
- Uniform wall thickness distribution improves mechanical & thermal properties & makes it ideal for heating liquids
- The easy-to-read scale and large labelling field makes marking easier
- High resistance to chemical attack

Product Code	Capacity ml	Approx O.D. x Height mm	HSN Code
I000005	5*	22x30	70179090
I000006	10*	26x35	70179090
I000009	25	34x50	70179090
I000D12	50	42x60	70179090
I000D16	100	50x70	70179090
I000D18	150	60x80	70179090
I000D21	250	70x95	70179090
I000D23	400	80x100	70179090
I000D24	500	83x115	70179090
I000D25	600	90x125	70179090
I000D28	800	100x135	70179090
I000D29	1000	105x145	70179090
I000D30	2000	130x185	70179090
I000D31	3000	150x210	70179090
I000D33	5000	170x270	70179090
I000D38	10000	220x350	70179090

Quantity :- Standard Packing per Cartoon.

* 5 ml and 10 ml Beakers are not graduated.

SINCE 1966



1040 - TALL FORM BEAKER Without Spout

- Complies with IS 2619/ISO 3819 and DIN 12331
- Graduated to indicate the approximate content
- Uniform wall thickness distribution improves mechanical & thermal properties & makes it ideal for heating liquids
- The easy-to-read scale and large labelling field makes marking easier
- High resistance to chemical attack
- Ideal for titrations

Product Code	Capacity ml	Approx O.D. x Height mm	HSN Code
I040012	50	38x70	70179090
I040016	100	50x80	70179090
I040018	150	54x95	70179090
I040021	250	60x120	70179090
I040024	500	80x140	70179090
I040025	600	80x150	70179090
I040028	800	90x175	70179090
I040029	1000	95x180	70179090

Quantity :- Standard Packing per Cartoon.



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BEAKERS

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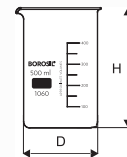
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1060 - TALL FORM BEAKER With Spout

- Complies with IS 2619 /ISO 3819 and DIN 12331
- The spout design enables clean and precise pouring
- Graduated to indicate the approximate content
- Uniform wall thickness distribution improves mechanical & thermal properties & makes it ideal for heating liquids
- The easy-to-read scale and large labelling field makes marking easier
- High resistance to chemical attack
- Ideal for titration

Product Code	Capacity ml	Approx O.D. x Height mm	HSN Code
1060012	50	38x70	70179090
1060016	100	50x80	70179090
1060018	150	54x95	70179090
1060021	250	60x120	70179090
1060024	500	80x140	70179090
1060025	600	80x150	70179090
1060028	800	90x175	70179090
1060029	1000	95x180	70179090

Quantity :- Standard Packing per Cartoon.

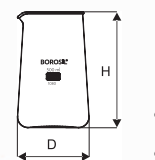


1080 - PHILLIP (CONICAL BEAKER) With Spout

- Conical shape (Phillips pattern) with spout
- Its mouth is smaller in diameter than its face
- The Phillips Beaker is ideal for measuring containment, mixing and decanting

Quantity :- Standard Packing per Cartoon.

HSN No. :- 70179090



Tongs For Beakers & Flasks

- Made of stainless steel
- Used to handle hot beakers
- Provided with silicon sleeves or in fibre glass yarn to resist direct flame



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Reagent Bottles

Asian Scientific Laboratory bottles are chemically resistant and stable. When fitted with pouring ring, dripping can be totally eliminated. As there is only one size of screw thread for all bottles from 100 ml onwards, the screw caps and pouring rings are fully interchangeable. The bottles, pouring rings and caps are autoclavable and sterilizable.

For AMBER Bottles, ambering is done on the external surface only, hence properties within the bottle remain unchanged. It protects the media from light radiations of wavelengths between 300nm and 500nm.

Made from 3.3 Low Expansion
Borosilicate Glass



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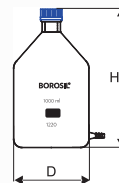
BOTTLES

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1220 - ASPIRATOR BOTTLES With Tubulation and PP Cap

- Complies with IS 1388 (Part III), ISO 4796-3
- Supplied with GL45 screw caps and pouring ring made of polypropylene autoclavable at 121°C
- All sizes have a durable matt-finished enamelled area for marking
- Suitable for storage of aggressive media



Product Code	Capacity ml	Approx O.D. x Height mm	Thread Specification	HSN Code
1220021	250**	70x140	GL 45	70179090
1220024	500**	86x176	GL 45	70179090
1220029	1000	101x225	GL 45	70179090
1220030	2000	136x260	GL 45	70179090
1220033	5000	181x320	GL 45	70179090
1220038	10000***	235x405	GL 45	70179090
1220040	20000***	296x505	GL 45	70179090

Quantity :- Standard Packing per Carton.

- **Not covered in ISO / DIN standards.
- *Height indicated is of Bottle only
- *** As per Borosil Scientific dimension



1240 - ASPIRATOR BOTTLES

With Socket Outlet For Stop cock and PP Cap

- Complies with IS 1388 (Part III), ISO 4796-3
- Supplied with GL45 screw caps and pouring ring made of polypropylene autoclavable at 121°C
- All sizes have a durable matt-finished enamelled area marking
- Suitable for storage of aggressive media



Product Code	Capacity ml	Approx O.D. x Height mm	Thread Specification	Outlet Ground Joint Size	HSN Code
1240029	1000	101x225	GL 45	19/26	70179090
1240030	2000	136x260	GL 45	19/26	70179090
1240033	5000	181x330	GL 45	29/32	70179090
1240038	10000**	235x410	GL 45	29/32	70179090
1240040	20000**	296x505	GL 45	29/32	70179090

Quantity :- Standard Packing per Carton.

- *Height indicated is of Bottle only
- ** As per Borosil Scientific dimension



Glass stopcock available on request

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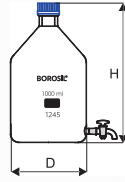
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1245 - ASPIRATOR BOTTLES

With I/C Glass Stopcock and PP Cap

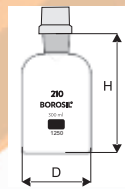
- Complies with IS 1388 (Part III), ISO 4796-3
- Supplied with GL45 screw caps and pouring ring made of polypropylene, autoclavable at 121°C
- All sizes have a durable matt-finished enamelled area for marking
- Suitable for storage of aggressive media

Product Code	Capacity ml	Approx O.D. x Height mm	Thread Specification	Outlet Ground Joint Size	HSN Code
1245029	1000	101x225	GL 45	19/26	70179090
1245030	2000	136x260	GL 45	19/26	70179090
1245033	5000	181x330	GL 45	29/32	70179090
1245038	10000***	235x410	GL 45	29/32	70179090
1245040	20000***	296x505	GL 45	29/32	70179090

Quantity :- Standard Packing per Cartoon.

*Height indicated is of Bottle only
***As per Borosil Scientific dimension

Spare glass stopcock available on request



1250 - B.O.D. BOTTLES

- Complies with IS 9213
- Supplies with Interchangeable glass stopper and plastic cap
- Individual number printed on the bottle
- Used for determination of Biological Oxygen Demand in industrial effluents, waste and water

Product Code	Capacity ml	Approx O.D. x Height mm	HSN Code
1250013	60**	42X100	70179090
1250017	125**	55X120	70179090
1250022	300	70X143	70179090

Quantity :- Standard Packing per Cartoon.

* Height indicated is of Bottle only
**60 & 125 ml are not covered in standard
300 ml is for determination of B.O.D. in Industrial effluents, wastes and water as per method specified by the American Public Health Association



1290 - ROUX BOTTLES WITH OFF SET NECK

- Complies with IS 6942
- The offset neck is tool-finished for greater strength and stopper fit
- Withstands repeated sterilisation cycles (wet or dry)
- These bottles facilitate the growing of mass cultures and monolayer cultures

Product Code	Capacity ml	Approx BxWxH mm	Approx Neck Id mm	HSN Code
1290029	1000	126x56x265	25	70179090

Quantity :- Standard Packing per Cartoon.



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1500 - REAGENT BOTTLES

Narrow Mouth With I/C Glass Stopper

- Complies with IS 1388 (Part II), ISO 4796 - 2
- Supplied with solid glass stopper
- Printed with graduations using a durable white enamel
- Bottles are mechanically strong and chemical resistant with a sturdy ground neck



Product Code	Capacity ml	Approx O.D. x Height mm	Neck Stopper Size	HSN Code
1500013	60**	42X100	14/23	70179090
1500016	100	56X100	19/26	70179090
1500017	125**	56X120	19/26	70179090
1500021	250	70X138	19/26	70179090
1500024	500	86X177	24/29	70179090
1500029	1000	101X225	29/32	70179090
1500030	2000	136X260	34/35	70179090

Quantity :- Standard Packing per Carton.

- *Height indicated is of Bottle only
- **60x125 ml is not covered in standards



1501 - REAGENT BOTTLES

Narrow Mouth With Screw Cap

- Complies with IS 1388 (Part I), ISO 4796 - I
- Supplied with screw caps and pouring ring made of polypropylene, autoclavable at 121°C
- Printed with graduations and retrace code using a durable white enamel
- 100 ml to 20000 ml Bottles have uniform GL 45 thread
- Mechanically strong and chemical resistant
- Ideal for storage of chemicals, reagents, media



Product Code	Capacity ml	Approx O.D. x Height mm	Thread Specificity	HSN Code
1501006	10**#	36x50	GL 25	70179090
1501009	25#	36x70	GL 25	70179090
1501012	50	46x87	GL 32	70179090
1501016	100	56x100	GL 45	70179090
1501018	150**#	60x120	GL 45	70179090
1501021	250	70x138	GL 45	70179090
1501024	500	86x177	GL 45	70179090
1501029	1000	101x225	GL 45	70179090
1501030	2000	136x260	GL 45	70179090
1501031	3000**	158x295	GL 45	70179090
1501033	5000***	181x320	GL 45	70179090
1501038	10000***	235x405	GL 45	70179090
1501040	20000***	296x505	GL 45	70179090

Quantity :- Standard Packing per Carton.

- *Height indicated is of Bottle only
- # Without Pouring Ring
- ** Not Covered in any Standard
- *** As per Asian Scientific Dimension



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Premium Grade Bottles

Made for Pharmaceutical and
Bio Pharmaceuticals applications

*Ideal for storage, transfer and transport of formulations, APIs,
bulk drugs and biopharma products*



- Manufactured from 3.3 Borosilicate glass complying to USP, ASTM and ISO standards
- Meets the quality requirements of international pharmacopoeias
- Designed to meet the regulatory requirements of storage containers
- A reliable choice of bottle to fulfil the increasingly tighter regulations of pharma and biotech industries



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Still stuck with the old method for transferring HPLC solvents ?



ASIAN Scientific
is right here with a solution

PROUDLY MADE IN **india**

Multi-Port HPLC Cap with Anti-twist mechanism

A smart solution for transfer of HPLC mobile phase solvents



Unique air valve cum filter
 0.1µm filter prevents contamination of solvents with dust particles and the release of solvent vapours thereby maintaining the solvent concentration

PP fittings for different tubing ODs
 Supplied with three connectors – for 3.2 mm and 1.6 mm OD tubing alongwith one end plug

Polypropylene Cap
 Suitable for all types of GL 45 bottles and autoclavable at 121°C

Anti-twist mechanism
 Freely rotatable PTFE manifold prevents twisting of the tubes while opening and closing the cap

SINCE 1966



Product Code	No of Ports	Neck	Quantity per Pack
1513C04	4	GL45	4 Nos
1513C02	2	GL45	4 Nos
1513C01	1	GL45	4 Nos

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1503 - SCREW CAPS FOR BOTTLES

- Made of polypropylene (PP)
- Supplied with PP pouring rings
- Autoclavable at 121°C
- Available in 5 different colours

Product Code	Colour Description	Thread Specification	HSN Code
I503C01	Blue	GL 45	70179090
I503C02	Orange	GL 45	70179090
I503C03	Yellow	GL 45	70179090
I503C04	Green	GL 45	70179090
I503C05	Grey	GL 45	70179090
I503C06	Blue	GL 25 [#]	70179090
I503C07	Blue	GL 32 [#]	70179090
I503C08	Blue	GL 36 [#]	70179090

Quantity :- Standard Packing per Cartoon.

HSN Code: 39235010
#Without pouring ring



1505 - HIGH TEMPERATURE RESISTANT SCREW CAPS

- Made of Polybutylene Terephthalate (PBT)
- Supplied with a silicone/PTFE liner and pouring ring
- Temperature resistance: - 40°C to +200°C
- Withstand sterilization conditions: hot air sterilization in oven upto 200°C and steam sterilization in autoclave at 121°C

Product Code	Colour Description	Thread Specification	HSN Code
I505C01	Red	GL 45	70179090

Quantity :- Standard Packing per Cartoon.

HSN Code: 39235010

1513 - MULTI-PORT HPLC CAP

For HPLC Solvent Transfer



- Polypropylene Cap Suitable for all types of GL 45 bottles and
- Autoclavable at 121°C
- PP fittings for different tubing ODs Supplied with three connectors
- Anti-twist mechanism Freely rotatable
- Unique air valve cum filter

Product Code	No. of Ports	Neck	HSN Code
I513C04	4	GL 45	70179090
I513C02	2	GL 45	70179090
I513C01	1	GL 45	70179090

Quantity :- Standard Packing per Cartoon.

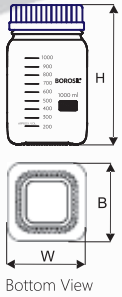




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1506 - REAGENT BOTTLES

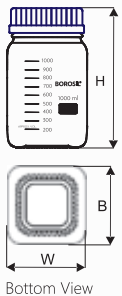
Wide Mouth With Screw Cap, Square

- Supplied with GL80 screw caps and pouring ring made of polypropylene, autoclavable at 121°C
- Square shape enables stacking of bottles during usage, storage and transport
- Extra wide GL 80 neck gives ease of pouring & filling of liquids as well as powders
- Large stable base helps prevent tumbling of the bottle
- Ideal for storage and transfer of pharma and biopharma products

Product Code	Capacity ml	Approx BxMxH mm	Neck Stopper Size	HSN Code
1506024	500	94x94x141	14/23	70179090
1506029	1000	105x105x187	19/26	70179090
1506030	2000	115x115x260	19/26	70179090
1506033	5000	160x160x357	19/26	70179090

Quantity :- Standard Packing per Cartoon.

*Height indicated is of Bottle only



1507 - REAGENT BOTTLES

Wide Mouth With Screw Cap, Square Amber

- Supplied with GL80 screw caps and pouring ring made of polypropylene, autoclavable at 121°C
- Square shape enables stacking of bottles during usage, storage and transport
- Extra wide GL 80 neck gives ease of pouring & filling of liquids as well as powders
- Large stable base helps prevent tumbling of the bottle
- Ideal for storage and transfer of pharma and biopharma products

Quantity :- Standard Packing per Cartoon.

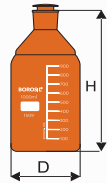
HSN Code :- 70179090

**NEW
PRODUCT**



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1509 - REAGENT BOTTLES

Narrow Mouth With I/C Glass Stopper, Amber

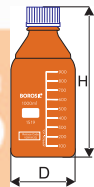
- Complies with IS 1388 (Part II), ISO 4796 - 2
- Supplied with solid glass stopper
- Printed with graduations using a durable white enamel
- Bottles are mechanically strong and chemical resistant with a sturdy ground neck
- Uniform amber colour protects media from light radiation with a wave-length between 300 nm and 500 nm
- Ideal for use with light-sensitive media and for the long-term storage of substances

Product Code	Capacity MI	Approx ODX Height MM	Neck Stopper Stopper Size	HSN Code
1509013	60**	45x100	14/23	70179090
1509016	100	56x100	14/23	70179090
1509017	125**	56x120	19/26	70179090
1509021	250	70x138	19/26	70179090
1509024	500	86x177	24/29	70179090
1509029	1000	101x225	29/32	70179090
1509030	2000	136x260	34/35	70179090

Quantity :- Standard Packing per Carton.

*Height indicated is of Bottle only

**60x125 ml is not covered in standards



1519 - REAGENT BOTTLES

Narrow Mouth With Screw Cap, Amber

- Complies with IS 1388 (Part I), ISO 4796 - 1
- Supplied with screw caps and pouring ring made of polypropylene, autoclavable at 121°C
- Printed with graduations and retrace code using a durable white enamel
- 100 ml to 20000 ml Bottles have uniform GL 45 thread
- Mechanically strong and chemical resistant
- Uniform amber colour protects media from light radiation with a wave-length between 300 nm and 500 nm
- Ideal for use with light-sensitive media and for the long-term storage of substances

Product Code	Capacity MI	Approx ODX Height MM	Thread Specification	HSN Code
1519006	10**#	36x50	GL 25	70179090
1519009	25#	36x70	GL 25	70179090
1519012	50#	46x87	GL 32	70179090
1519016	100	56x100	GL 45	70179090
1519021	250	70x138	GL 45	70179090
1519024	500	86x177	GL 45	70179090
1519029	1000	101x225	GL 45	70179090
1519030	2000	136x260	GL 45	70179090
1519031	3000**	158x295	GL 45	70179090
1519033	5000***	183x320	GL 45	70179090
1519038	10000***	235x405	GL 45	70179090
1519040	20000***	296x500	GL 45	70179090

Quantity :- Standard Packing per Carton.

*Height indicated is of Bottle only

Without Pouring rings

** Not covered in Any standard

*** As per BOROSIL Scientific dimensions



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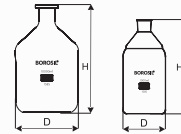
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1585 - SOLUTION BOTTLES

With Tooled Neck

- Complies with IS 1388 (Part II), ISO 4796 - 2
- 10, 20 & 50 litre bottles specially designed for handling and storing culture media
- All sizes have a durable matt-finished enamelled area for marking



Product Code	Capacity ml	Approx O.D.X Height mm	Approx Neck I.D mm	HSN Code
1585021	250	70x145	18	70179090
1585024	500	86x180	23	70179090
1585029	1000	101x230	28	70179090
1585030	2000	136x255	33	70179090
1585031	3000	158x255	44	70179090
1585033	5000	183x330	44	70179090
1585038	10000*	235x430	54	70179090
1585040	20000*	296x530	54	70179090
1585046	50000*	417x654	89	70179090

Quantity :- Standard Packing per Carton.

*As per BOROSIL Scientific Dimensions



1589 - SOLUTION BOTTLES

With Tooled Neck, Amber

- Complies with IS 1388 (Part II), ISO 4796 - 2
- 10, 20 & 50 litre bottles specially designed for handling and storing culture media
- All sizes have a durable matt-finished enamelled area for marking
- Uniform amber colour protects media from light radiation with a wave-length between 300 nm and 500 nm
- Ideal for use with light-sensitive media and for the long-term storage of substances



Product Code	Capacity ml	Approx O.D.X Height mm	Approx Neck I.D mm	HSN Code
1589021	250	70x145	18	70179090
1589024	500	86x180	23	70179090
1589029	1000	101x230	28	70179090
1589030	2000	136x255	33	70179090
1589031	3000	158x255	44	70179090
1589033	5000	183x330	44	70179090
1589038	10000*	235x430	54	70179090
1589040	20000*	296x530	54	70179090

Quantity :- Standard Packing per Carton.

*As per BOROSIL Scientific Dimensions



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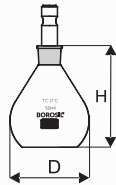
Ph.: 93930-01939, 90522-23905, 98480-31317, 93472-45096



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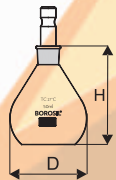
1624 - RELATIVE DENSITY BOTTLES

(Pyknometer) With I/C PTFE Stopper With Certificate

- Supplied with I/C PTFE (Teflon) stopper
- These bottles are mechanically strong and chemical resistant
- All sizes have a durable matt-finished enamelled area for marking
- Provided with certificate

Product Code	Capacity ml	Capacity Tolerance ± ml	Max Body Dia Height mm	Size of Inter Changeable Stopper	HSN Code
1624006	10	0.3	29x48	10/15	70179090
1624009	25	0.8	40x55	10/15	70179090
1624012	50	1	50x65	10/15	70179090

Quantity :- Standard Packing per Carton.



1625 - RELATIVE DENSITY BOTTLES

(Pyknometer) With I/C PTFE Stopper

- Supplied with I/C PTFE (Teflon) stopper
- Complies with IS 5717, DIN / ISO 3507
- These bottles are mechanically strong and chemical resistant
- All sizes have a durable matt-finished enamelled area for marking

Product Code	Capacity ml	Capacity Tolerance ± ml	Max Body Dia Height mm	Size of Inter Changeable Stopper	HSN Code
1625006	10	1	29x48	10/15	70179090
1625009	25	2	40x55	10/15	70179090
1625012	50	3	50x65	10/15	70179090

Quantity :- Standard Packing per Carton.



1627 - SPECIFIC GRAVITY BOTTLES(PYKNOMETER)

With Thermometer And Capillary Slide Tube

- Complies with IS 5717, DIN / ISO 3507
- These bottles are mechanically strong and chemical resistant
- All sizes have a durable matt-finished enamelled area for marking
- Supplied with thermometer alongwith certificate for thermometer

Product Code	Capacity ml	Capacity Tolerance ± ml	Max Body Dia Height mm	Size of Inter Changeable Stopper	HSN Code
1627006	10	1	29x48	10/19	70179090
1627009	25	2	40x55	10/19	70179090
1627012	50	3	50x65	10/19	70179090

Quantity :- Standard Packing per Carton.



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1630 - WEIGHING BOTTLES

With Tooled Neck

- Complies with IS 1574
- These bottles are mechanically strong and chemical resistant

Product Code	Capacity ml	Approx O.D.X Height mm	HSN Code
1653005	5	20x45	70179090
1630007	15	26x65	70179090
1630008	20**	50x35	70179090
1630009	25	30x65	70179090
1630011	40**	60x40	70179090
1630013	60	40x90	70179090

Quantity :- Standard Packing per Cartoon.

*Height indicated is of bottle only
**Squat Form



1631 - WEIGHING BOTTLES

With I/C Glass Lid, Amber

- Complies with IS 1574
- These bottles are mechanically strong and chemical resistant
- Suitable for light sensitive substance.

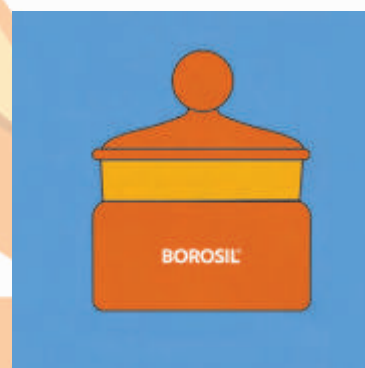
Product Code	Capacity ml	Approx O.D.X Height mm	HSN Code
1631005	5	20x45	70179090
1631007	15	26x65	70179090
1631008	20**	50x35	70179090
1631009	25	30x65	70179090
1631011	40**	60x40	70179090
1631013	60	40x90	70179090

Quantity :- Standard Packing per Cartoon.

*Height indicated is of bottle only
**Squat Form



Tall Form



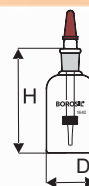
1640 - DROPPING BOTTLES

With Glass Dropper & Rubber Teat

- Supplied with interchangeable ground joint glass dropper and rubber teat
- Highly chemical resistance

Product Code	Capacity ml	Approx O.D.X Height mm	HSN Code
1640010	30	34X86	70179090
1640013	60	42X100	70179090
1640017	125	55X120	70179090
1640021	250	65X147	70179090

Quantity :- Standard Packing per Cartoon.



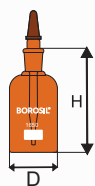
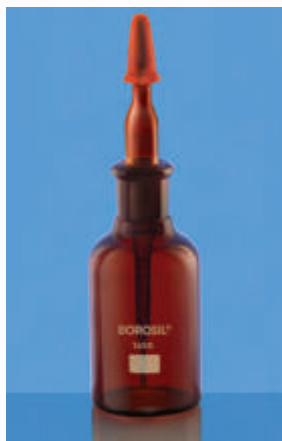
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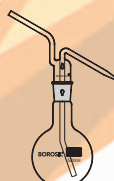
1650 - DROPPING BOTTLES

With Glass Dropper & Rubber Teat, Amber

- Supplied with interchangeable ground joint glass dropper and rubber teat
- Highly chemical resistance
- Suitable for light sensitive substance.

Product Code	Capacity ml	Approx O.D.X Height mm	Socket Size	HSN Code
1650010	30	35x84	14/23	70179090
1650013	60	42x100	14/23	70179090
1650017	125	55x120	19/26	70179090
1650021	250	65x147	19/26	70179090

Quantity :- Standard Packing per Cartoon.



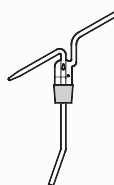
1660 - GLASS WASH BOTTLE

set With I/C Stopper

- These bottles are mechanically strong and chemical resistant
- All sizes have a durable matt-finished enamelled area for marking

Product Code	Capacity ml	Approx OD mm	Approx Height mm	Size of Inter Changeable Stopper	HSN Code
1660021	250	85	130	24/29	70179090
1660024	500	105	160	24/29	70179090
1660029	1000	131	195	29/32	70179090

Quantity :- Standard Packing per Cartoon.



1661 - STOPPER FOR GLASS WASH BOTTLE

Product Code	Capacity ml	Size of Interchangeable Stopper	HSN Code
1653005	5	20x45	70179090
1630007	15	26x65	70179090
1630008	20**	50x35	70179090
1630009	25	30x65	70179090
1630011	40**	60x40	70179090
1630013	60	40x90	70179090

Quantity :- Standard Packing per Cartoon.



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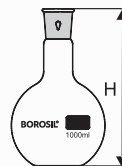
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1662 - FLASK FOR GLASS WASH BOTTLE

Product Code	Capacity ml	Approx OD mm	Approx Height mm	Size of Inter Changeable Stopper	HSN Code
1662021	250	85	130	24/29	70179090
1662024	500	105	160	24/29	70179090
1662029	1000	131	195	29/32	70179090

Quantity :- Standard Packing per Cartoon.



166P - LDPE PLASTIC WASH BOTTLES

Squeeze Type

- Fitted with delivery tubes
- Bottles and delivery tube made of chemically resistant, low density polyethylene
- Flexible, tough, light weight, and practically unbreakable in use
- Squeezing the bottle produces a steady controllable stream or a few drops.
- Delivery tubes are mounted in polypropylene screw caps
- Tips on delivery tubes are removable

Product Code	Capacity ml	Approx Diameter mm	Bottle Height mm	HSN Code
166024	500	75	167	70179090

Quantity :- Standard Packing per Cartoon.



1665 - PLASTIC CLAMPS FOR JOINT FITTINGS

- Made of polypropylene for joint fittings

Product Code	Joint mm	HSN Code
1665B14	B 14	39235010
1665B19	B 19	39235010
1665B24	B 24	39235010
1665B29	B 29	39235010

Quantity :- Standard Packing per Cartoon.



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1760 - GAS WASHING (DRESCHEL) BOTTLES

Set With I/C Stopper

- Complies with IS 11990
- These bottles are mechanically strong and chemical resistant
- All sizes have a durable matt-finished enamelled area for marking

Product Code	Capacity ml	Approx O.D.X Height mm	Size of Interchangeable Stopper	HSN Code
1760017	125	50x165	29/32	70179090
1760021	250	60x190	29/32	70179090
1760024	500	70x245	29/32	70179090

Quantity :- Standard Packing per Cartoon.

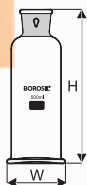


1761 - STOPPER FOR GAS WASHING (DRESCHEL) BOTTLES

Product Code	Capacity ml	Quantity per Case	HSN Code
1761017	125	5	70179090
1761021	250	5	70179090
1761024	500	5	70179090

Quantity :- Standard Packing per Cartoon.

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1762 - BOTTLES FOR GAS WASHING (DRESCHEL) BOTTLES

Product Code	Capacity ml	Approx O.D.X Height mm	HSN Code
1762017	125	50x165	70179090
1762021	250	60x190	70179090
1762024	500	70x245	70179090

Quantity :- Standard Packing per Cartoon.



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1764 - GAS SAMPLING TUBES

With Glass Stopcocks

- Complies with DIN 12473

Product Code	Capacity ml	HSN Code
1764017	125*	70179090
1764021	250*	70179090
1764024	500	70179090
1764029	1000	70179090

Quantity :- Standard Packing per Cartoon.

* Not covered in standards



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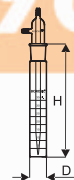
1764 - GAS SAMPLING TUBES

With Glass Stopcocks

- Complies with IS 5182 (Part-VI)
- These bottles are mechanical strong and chemical resistant

Product Code	Capacity ml	Approx O.D.X height mm	HSN Code
1765058	35	26x220	70179090

Quantity :- Standard Packing per Cartoon.



BURETTES

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Accuracy, reliability and durability are the three essentials of burettes offered by **ASIAN Scientific**

Burettes are made from heavy walled, machine drawn borosilicate glass tubing, of precise bore sizes, to provide highest level of accuracy even after repeated usage.

- Complies with highest quality standards according to IS 1997 and ISO 385
- Individually calibrated on automatic calibration machines
- Available in both Class A and Class B tolerances
- Individual calibration certificate provided for Class A Burettes
- Graduation markings made using finest quality white enamel or amber ink to ensure maximum durability
- Stringent control throughout the process of manufacturing and quality checks minimizes the possibility of deviations

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Made from 3.3 Low Expansion
Borosilicate Glass



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BURETTES

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- Boroflo stopcocks have PTFE keys which do not require greasing.
- The PTFE keys provide best drop control during titration process.
- Due to identical shape of PTFE key the Burette valve can be closed with gentle turn.
- Due to identical shape of PTFE key the Burette valve can be closed with gentle turn.
- PTFE stopcocks have indential keys, hence there is no need to match pairs after cleaning
- PTFE is self lubricating hence the keys do not require greasng
- PTFE is self lubricating hence the keys do not require greasng
- Specially designed solid glass stopcocks are manufactured from 3.3 Low expansion borosilicate glass
- Glass stopcocks are perfectly ground, for leak free operations

BOROSIL Scientific Burettes are fitted with Boroflo GP (General Purpose) stopcocks with PTFE keys that offers the following operational advantages :

- No lubrication required as PTFE key is used, hence no chances of contamination with grease
- Excellent flow control
- All glass/PTFE pathway which is highly resistant to chemical attack
- The unique Fluon/glass seal ensures no leakage
- No springs or retaining devices required
- Easy to dismantle and clean
- Absence of ground surfaces resulting in low absorption of radioactivity
- Consistent performance between 0°C to 50°C

In addition to Boroflo GP stopcock, **BOROSIL** also offers burettes with straight bore glass stepcocks and straight bore stopcocks

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Burette with Boroflo GP stopcock



Burette with Boroflo PTFE stopcock



Burette with Boroflo Glass stopcock



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2121 - BURETTES

With Boroflo stopcock, Class A, with Individual Calibration Certificate

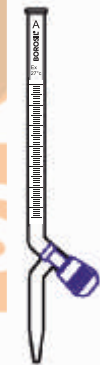
- Complies with IS 1997 / ISO 385, Accuracy as per class A
- Supplied with Boroflo stopcock
- No lubrication required
- Calibrated & certified at 27°C and supplied with certificate of calibration traceable to National standards
- Generally used in titration process

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
2121006	10	0.05	0.03	70179010
2121U06*	10	0.05	0.02	70179010
2121009	25	0.10	0.05	70179010
2121U09*	25	0.10	0.03	70179010
2121012	50	0.10	0.05	70179010
2121016	100	0.20	0.10	70179010

Quantity :- Standard Packing per Carton.

* Accuracy as per ASTM E287-2 and calibrated at 20°C

50 ml and 100 ml capacities complies both standards - ISO and ASTM for accuracy



2122 - BURETTES

With Boroflo stopcock, Class B

- Complies with IS 1997 / ISO 385, Accuracy as per class B
- Supplied with Boroflo stopcock
- No lubrication required
- Calibrated at 27°C
- Generally used in titration process

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
2122006	10	0.05	0.05	70179010
2122009	25	0.10	0.10	70179010
2122012	50	0.10	0.10	70179010
2122016	100	0.20	0.20	70179010

Quantity :- Standard Packing per Carton.



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2123 - BURETTES

With Glass Stopcock, Class A, with Individual Calibration Certificate

- Complies with IS 1997 / ISO 385, Accuracy as per class A
- Designed with straight bore stopcock that increases the life, compared to Boroflo stopcocks
- The glass stopcock enhances control and enables smoother action
- Calibrated & certified at 27°C and supplied with certificate of calibration traceable to National standards
- Generally used in Titration process

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	HSN Code
2123005	5	0.02	0.01	70179010
2123006	10	0.05	0.03	70179010
2123009	25	0.10	0.05	70179010
2123012	50	0.10	0.05	70179010
2123016	100	0.20	0.10	70179010

Quantity :- Standard Packing per Carton.

2124 - BURETTES

With Glass Stopcock, Class B

- Complies with IS 1997 / ISO 385, Accuracy as per class B
- Designed with straight bore stopcock that increases the life, compared to Boroflo stopcocks
- The glass stopcock enhances control and enables smoother action
- Calibrated at 27°C
- Generally used in Titration process

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	HSN Code
2124005	5	0.02	0.02	70179010
2124006	10	0.05	0.05	70179010
2124009	25	0.10	0.10	70179010
2124012	50	0.10	0.10	70179010
2124016	100	0.20	0.20	70179010

Quantity :- Standard Packing per Carton.



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2129 - BURETTES

With Boroflo stopcock, Class A, with Individual Calibration Certificate

- Complies with IS 1997 / ISO 385, Accuracy as per class A
- Supplied with PTFE stopcock that is highly resistant to chemical attack
- No lubrication required
- Calibrated & certified at 27°C and supplied with certificate of calibration traceable to National standards
- Generally used in Titration process

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	HSN Code
2129012	50	0.1	0.05	70179010

Quantity :- Standard Packing per Cartoon.
Burettes of other capacities are on request

2130 - BURETTES

With PTFE Stopcock, Class B

- Complies with IS 1997 / ISO 385, Accuracy as per class B
- Supplied with PTFE stopcock that is highly resistant to chemical attack
- No lubrication required
- Calibrated at 27°C
- Generally used in Titration process

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	HSN Code
2130012	50	0.1	0.1	70179010

Quantity :- Standard Packing per Cartoon.



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2131 - BURETTES

With Glass Stopcock, Class A, Amber, with Individual Calibration Certificate

- Complies with IS 1997 / ISO 385, Accuracy as per class A
- Supplied with Boroflo stopcock
- No lubrication required
- Calibrated & certified at 27°C and supplied with certificate of calibration traceable to National standards
- Amber coating on exterior surfaces to facilitate use with light sensitive solutions

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
2131009	25	0.10	0.05	70179010
2131012	50	0.10	0.05	70179010

Quantity :- Standard Packing per Carton.

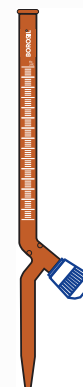
2132 - BURETTES

With Boroflo stopcock, Class B, Amber

- Complies with IS 1997 / ISO 385, Accuracy as per class B
- Supplied with Boroflo stopcock
- No lubrication required
- Calibrated at 27°C
- Amber coating on exterior surfaces to facilitate use with light sensitive solutions
- Generally used in titration process

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
2132009	25	0.10	0.10	70179010
2132012	50	0.10	0.10	70179010

Quantity :- Standard Packing per Carton.





2149 - AUTOBURETTES

With Glass stopcock, Class A, with Individual Calibration Certificate

- Complies with IS 1997 / ISO 385, Accuracy as per class A
- Supplied with Reservoir and Rubber Bellow
- With automatic zero facility
- Calibrated & certified at 27°C and supplied with certificate of calibration traceable to National standards
- Generally used in Titration process



Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
2149006	10	0.05	0.03	70179010
2149009	25	0.10	0.05	70179010
2149012	50	0.10	0.05	70179010
2149016	100	0.20	0.10	70179010

Quantity :- Standard Packing per Cartoon.

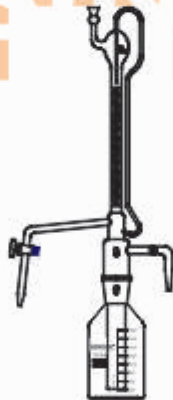
Reservoir Capacity : 500 ml size and 2000 ml for 25,50 and 100 ml sizes.



2150 - AUTOBURETTES

With Glass stopcock, Class B

- Complies with IS 1997 / ISO 385, Accuracy as per class B
- Supplied with Reservoir and Rubber Bellow
- With automatic zero facility
- Calibrated at 27°C
- Generally used in Titration process



Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
2150006	10	0.05	0.05	70179010
2150009	25	0.10	0.10	70179010
2150012	50	0.10	0.10	70179010
2150016	100	0.20	0.20	70179010

Quantity :- Standard Packing per Cartoon.

Reservoir Capacity : 500 ml size and 2000 ml for 25,50 and 100 ml sizes.



2149A - AUTOBURETTES

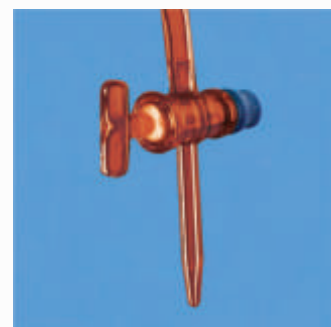
With Glass Stopcock, Class A, Amber, with Individual Calibration Certificate

- Complies with IS 1997 / ISO 385, Accuracy as per class A
- Supplied with Reservoir and Rubber Bellow
- With automatic zero facility
- Calibrated & certified at 27°C and supplied with certificate of calibration traceable to National standards
- Amber coating on exterior surfaces to facilitate use with light sensitive solutions
- Generally used in Titration process

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	HSN Code
2149A06	10	0.05	0.03	70179010
2149A09	25	0.10	0.05	70179010
2149A12	50	0.10	0.05	70179010
2149A16	100	0.20	0.10	70179010

Quantity :- Standard Packing per Cartoon.

Reservoir Capacity : 500 ml size and 2000 ml for 25,50 and 100 ml sizes.



2150A - AUTOBURETTES

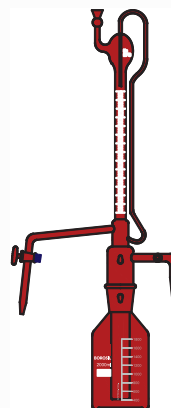
With Glass Stopcock, Class B

- Complies with IS 1997 / ISO 385, Accuracy as per class B
- Supplied with Reservoir and Rubber Bellow
- With automatic zero facility
- Calibrated at 27°C
- Amber coating on exterior surfaces to facilitate use with light sensitive solutions
- Generally used in Titration process

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	HSN Code
2150A06	10	0.05	0.05	70179010
2150A09	25	0.10	0.10	70179010
2150A12	50	0.10	0.10	70179010
2150A16	100	0.20	0.20	70179010

Quantity :- Standard Packing per Cartoon.

Reservoir Capacity : 500 ml size and 2000 ml for 25,50 and 100 ml sizes.



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2153 - AUTOBURETTES

With PTFE Stopcock, Class A, with Individual Calibration Certificate

- Complies with IS 1997 / ISO 385, Accuracy as per class A
- Supplied with PTFE stopcock that is highly resistant to chemical attack
- Supplied with Reservoir and Rubber Bellow
- With automatic zero facility
- Calibrated & certified at 27°C and supplied with certificate of calibration traceable to National standards

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
2153006	10	0.05	0.03	70179010
2153009	25	0.10	0.05	70179010
2153012	50	0.10	0.05	70179010
2153016	100	0.20	0.10	70179010

Quantity :- Standard Packing per Cartoon.

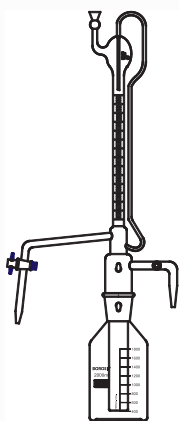
Reservoir Capacity : 500 ml size and 2000 ml for 25,50 and 100 ml sizes.

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2154 - AUTOBURETTES

With PTFE Stopcock, Class B

- Complies with IS 1997 / ISO 385, Accuracy as per class B
- Supplied with PTFE stopcock that is highly resistant to chemical attack
- Supplied with Reservoir and Rubber Bellow
- With automatic zero facility
- Calibrated at 27°C
- Generally used in titration process



Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
2154006	10	0.05	0.05	70179010
2154009	25	0.10	0.10	70179010
2154012	50	0.10	0.20	70179010
2154016	100	0.20	0.20	70179010

Quantity :- Standard Packing per Cartoon.

Reservoir Capacity : 500 ml size and 2000 ml for 25,50 and 100 ml sizes.



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2153A - AUTOBURETTES

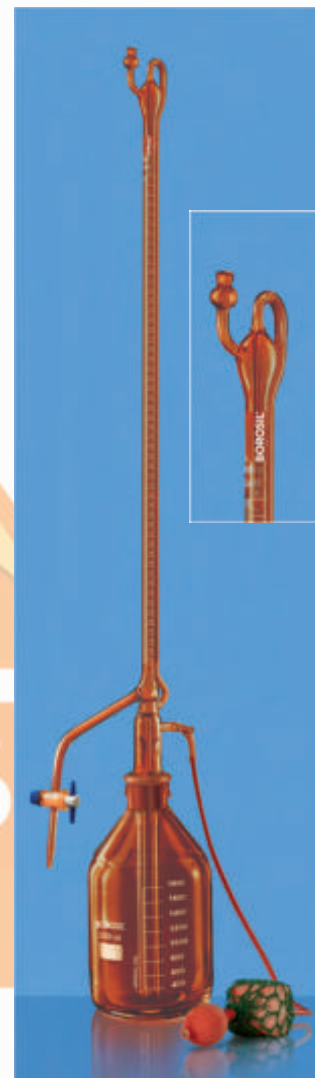
With PTFE stopcock, class A, Amber, with Individual Calibration Certificate

- Complies with IS 1997 / ISO 385, Accuracy as per class A
- Supplied with PTFE stopcock that is highly resistant to chemical attack
- Supplied with Reservoir and Rubber Bellow
- With automatic zero facility
- Calibrated & certified at 27°C and supplied with certificate of calibration traceable to National standards
- Amber coating on exterior surfaces to facilitate use with light sensitive solutions
- Generally used in titration process

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	HSN Code
2153A06	10	0.05	0.03	70179010
2153A09	25	0.10	0.05	70179010
2153A12	50	0.10	0.05	70179010
2153A16	100	0.20	0.10	70179010

Quantity :- Standard Packing per Cartoon.

Reservoir Capacity : 500 ml size and 2000 ml for 25,50 and 100 ml sizes.



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2154A - AUTOBURETTES

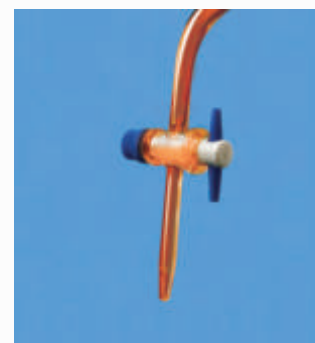
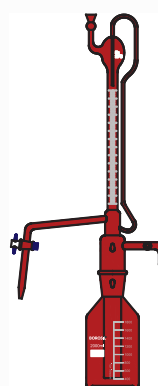
With PTFE stopcock, class B

- Complies with IS 1997 / ISO 385, Accuracy as per class B
- Supplied with PTFE stopcock that is highly resistant to chemical attack
- Supplied with Reservoir and Rubber Bellow
- With automatic zero facility
- Calibrated at 27°C
- Amber coating on exterior surfaces to facilitate use with light sensitive solutions
- Generally used in titration process

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	HSN Code
2154A06	10	0.05	0.05	70179010
2154A09	25	0.10	0.10	70179010
2154A12	50	0.10	0.10	70179010
2154A16	100	0.20	0.20	70179010

Quantity :- Standard Packing per Cartoon.

Reservoir Capacity : 500 ml size and 2000 ml for 25,50 and 100 ml sizes.



BURETTES

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2155 - AUTOBURETTES

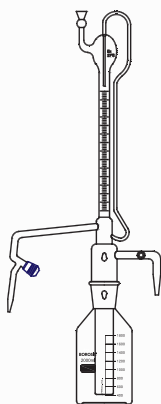
With Boroflo stopcock, Class A, with Individual Calibration Certificate

- Complies with IS 1997 / ISO 385, Accuracy as per class A
- Supplied with Boroflo stopcock, Reservoir and Rubber Bellow
- With automatic zero facility
- Calibrated & certified at 27°C and supplied with certificate of calibration traceable to National standards
- Generally used in titration process

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
2155006	10	0.05	0.03	70179010
2155009	25	0.10	0.05	70179010
2155012	50	0.10	0.05	70179010
2155016	100	0.20	0.10	70179010

Quantity :- Standard Packing per Carton.

Reservoir Capacity : 500 ml size and 2000 ml for 25,50 and 100 ml sizes.



2156 - AUTOBURETTES

With Boroflo stopcock, Class B

- Complies with IS 1997 / ISO 385, Accuracy as per class B
- Supplied with Boroflo stopcock, Reservoir and Rubber Bellow
- With automatic zero facility
- Calibrated at 27°C
- Generally used in titration process

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
2156006	10	0.05	0.05	70179010
2156009	25	0.10	0.10	70179010
2156012	50	0.10	0.10	70179010
2156016	100	0.20	0.20	70179010

Quantity :- Standard Packing per Carton.

Reservoir Capacity : 500 ml size and 2000 ml for 25,50 and 100 ml sizes.



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2155A - AUTOBURETTES

With Boroflo stopcock, class A, Amber, with Individual Calibration Certificate

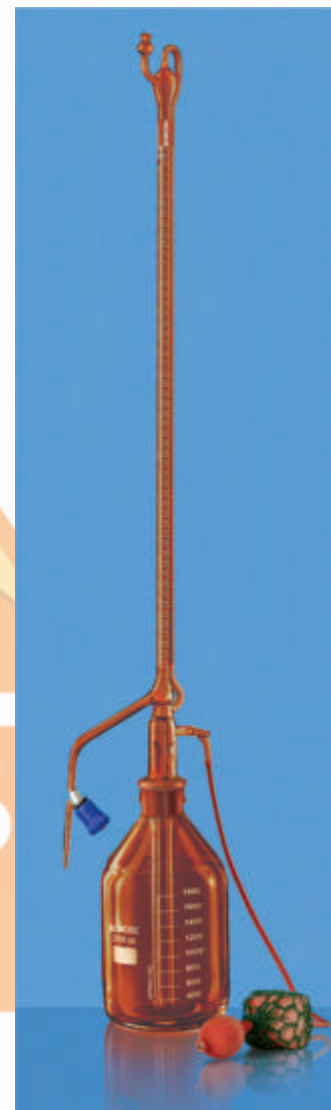
- Complies with IS 1997 / ISO 385, Accuracy as per class A
- Supplied with Boroflo stopcock, Reservoir and Rubber Bellow
- With automatic zero facility
- Amber coating on exterior surfaces to facilitate use with light sensitive solutions
- Calibrated & certified at 27°C and supplied with certificate of calibration traceable to National standards
- Generally used in titration process



Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
2155A06	10	0.05	0.03	70179010
2155A09	25	0.10	0.05	70179010
2155A12	50	0.10	0.05	70179010
2155A16	100	0.20	0.10	70179010

Quantity :- Standard Packing per Carton.

Reservoir Capacity : 500 ml size and 2000 ml for 25,50 and 100 ml sizes.

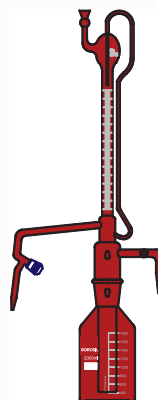


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2156A - AUTOBURETTES

With Boroflo stopcock, class B, Amber

- Complies with IS 1997 / ISO 385, Accuracy as per class B
- Supplied with Boroflo stopcock, Reservoir and Rubber Bellow
- With automatic zero facility
- Calibrated at 27°C
- Amber coating on exterior surfaces to facilitate use with light sensitive solutions
- Generally used in titration process



Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
2156A06	10	0.05	0.05	70179010
2156A09	25	0.10	0.10	70179010
2156A12	50	0.10	0.10	70179010
2156A16	100	0.20	0.20	70179010

Quantity :- Standard Packing per Carton.

Reservoir Capacity : 500 ml size and 2000 ml for 25,50 and 100 ml sizes.



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2000 - BURETTES

With Boroflo stopcock, NABL Certified, Class A, with Individual Calibration Certificate

- Complies with IS 1997 / ISO 385, Accuracy as per class A
- Supplied with Boroflo stopcock
- No lubrication required
- Calibrated & certified at 27°C and supplied with NABL certificate of calibration traceable to National standards
- Generally used in titration process

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
2000006	10	0.05	0.03	70179010
2000009	25	0.10	0.05	70179010
2000012	50	0.10	0.05	70179010
2000016	100	0.20	0.10	70179010

Quantity :- Standard Packing per Cartoon.



2001 - BURETTES

With Boroflo stopcock, NABL Certified, Class A, with Individual Calibration Certificate

- Complies with IS 1997 / ISO 385, Accuracy as per class A
- Supplied with Boroflo stopcock
- No lubrication required
- Calibrated & certified at 27°C and supplied with NABL certificate of calibration traceable to National standards
- Amber coating on exterior surfaces to facilitate use with light sensitive solutions
- Generally used in titration process

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
2001009	25	0.1	0.05	70179010
2001012	50	0.1	0.05	70179010

Quantity :- Standard Packing per Cartoon.



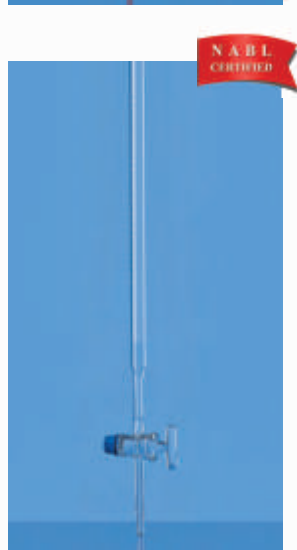
2002 - BURETTES

With Boroflo stopcock, NABL Certified, Class A, with Individual Calibration Certificate

- Complies with IS 1997 / ISO 385, Accuracy as per class A
- Designed with straight bore stopcock that increases the life, compared to PTFE key stopcocks
- The glass stopcock enhances control and enables smoother action
- Calibrated & certified at 27°C and supplied with NABL certificate of calibration traceable to National standards
- Generally used in titration process

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
2002006	10	0.05	0.03	70179010
2002009	25	0.10	0.05	70179010
2002012	50	0.10	0.05	70179010
2002016	100	0.20	0.10	70179010

Quantity :- Standard Packing per Cartoon.



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CONES

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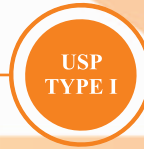
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Cones

Cones are used to determine small amounts of suspended matter in sewage by the Imhoff Sedimentation Method.

Made from 3.3 Low Expansion Borosilicate Glass



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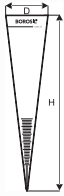
ASIAN SCIENTIFIC INSTRUMENTS

Asian Estate : 4-1-10, Tilak Road Opposite Posnett Bhavan Hyderabad, Telangana-500 001
Ph.: 93930-01939, 90522-23905, 98480-31317, 93472-45096

CONES

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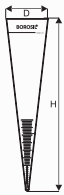
2160 - IMHOFF CONE

Sharp Tip

- Complies with IS 7232
- Graduated from 0 to 1 ml in 0.1 ml divisions
- Graduated from 1 to 10 ml in 0.5 ml divisions
- 10 to 40 ml in 1 ml divisions also marked at 1000 ml
- Facilitates the determination of the amount of sediment in sewage or industrial waste

Product Code	Approx Total Height mm	Approx Top Diameter mm	HSN Code
2160094	454	110	70179090

Quantity :- Standard Packing per Cartoon.



2180 - IMHOFF CONE

Blunt Tip

- Complies with IS 7232
- The blunt tip increases its ruggedness and cleaning ease
- Ideal for use with heavy sediments where the ability to read small volumes is unimportant
- Facilitates the determination of the amount of sediment in sewage or industrial waste

Product Code	Approx Total Height mm	Approx Top Diameter mm	HSN Code
2180093	439	110	70179090

Quantity :- Standard Packing per Cartoon.



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Condensers

A Condenser is designed to facilitate the cooling of hot vapours and liquids. It is structured in the form of a large glass tube, containing a smaller glass tube running through its entire length. Hot fluids pass through this small inner tube.

Typically, the outer glass tube has two hose connections to aid the passing of a coolant (usually tap water or chilled water/anti-freeze mixture). The coolant is introduced through the lower fitting, while the higher fitting serves as the exit point. Entering the coolant at the cooler point is a critical aspect as it helps maintain a smooth and correctly directed thermal gradient. This in turn, maximises efficiency and minimises the risk of thermal shock to adjacent glassware. Multiple Condensers may be connected in a series. Usually, a high flow rate is not essential for maintaining a cooling surface.

Special care should be taken while choosing Condensers keeping in mind their distillation rates, reflux rates and temperature gradients.

Borosil offers you the choice of a wide range of Condensers.

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Made from 3.3 Low Expansion
Borosilicate Glass



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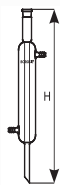
CONDENSERS

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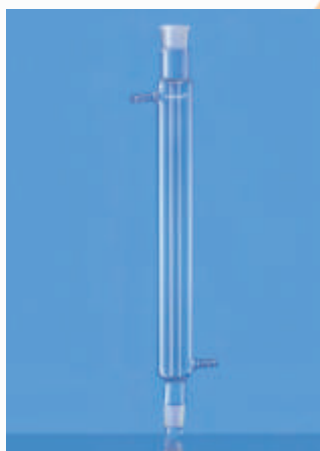
2340 - LIEBIG CONDENSER

With Sealed Inner Tube

- Complies with IS 6052
- The light wall of the inner tube facilitates efficient heat transfer
- Low cooling capacity
- Used for distillate separation

Product Code	Approx Jacket Length mm	Approx Overall Height mm	Ground Joint	HSN Code
2340087	200	350	19/15	70179090
2340090	300	450	19/15	70179090
2340092	400	550	19/15	70179090
2340095	500	650	19/15	70179090

Quantity :- Standard Packing per Cartoon.



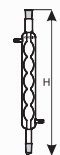
2400 - LIEBIG CONDENSER

With Drip Tip

- Complies with IS 6052
- With interchangeable inner and outer joints
- The light wall of the inner tube facilitates efficient heat transfer
- Low cooling capacity
- Used for distillate separation

Product Code	Approx Jacket Length mm	Approx Overall Height mm	Ground Joint Socket & Cone	HSN Code
2400087	200	350	19/26, 19/26	70179090
2400A87	200	350	24/29, 24/29	70179090
2400090	300	450	24/29, 24/29	70179090
2400A90	300	450	19/26, 19/26	70179090
2400092	400	550	24/29, 24/29	70179090
2400A92	400	550	19/26, 19/26	70179090

Quantity :- Standard Packing per Cartoon.



2380 - ALUHN CONDENSER

With Drip Tip

- Complies with IS 6052
- With Interchangeable Inner and Outer Joint
- Greater surface area than the Liebig Condenser owing to a series of bulbs, resulting in higher cooling capacity
- Ideal for laboratory scale refluxing

Product Code	Approx Jacket Length mm	Approx Overall Height mm	Ground Joint Socket & Cone	HSN Code
2480087	200	350	19/26, 19/26	70179090
2480A87	200	350	24/29, 24/29	70179090
2480090	300	450	24/29, 24/29	70179090
2480A90	300	450	19/26, 19/26	70179090
2480092	400	550	24/29, 24/29	70179090
2480A92	400	550	29/32, 29/32	70179090
2480096	600	750	29/32, 29/32	70179090
2480A96	600	750	24/29, 24/29	70179090

Quantity :- Standard Packing per Cartoon.



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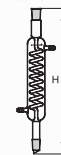
2560 - GRAHAM COILED CONDENSER

With Drip Tip

- Complies with IS 6052
- With Interchangeable Inner and Outer Joint
- The coiled condensation tubes result in greater surface area for cooling
- Designed with top standard taper outer and lower inner drip tip joint

Product Code	Approx Jacket Length mm	Approx Overall Height mm	Ground Joint Socket & Cone	HSN Code
2560090	300	450	24/29, 24/29	70179090
2560A90	300	450	19/26, 19/26	70179090
2560092	400	550	24/29, 24/29	70179090
2560A92	400	550	29/32, 29/32	70179090
2560095	500	650	24/29, 24/29	70179090
2560A95	500	650	29/32, 29/32	70179090

Quantity :- Standard Packing per Cartoon.



2560 - GRAHAM COILED CONDENSER

With Drip Tip

- Complies with IS 6052
- With Interchangeable Inner and Outer Joint
- Specially designed inner spiral tubes ensure along vapour path
- Offer better heat transfer and anti-flooding capabilities

Product Code	Approx Jacket Length mm	Ground Joint Socket & Cone	HSN Code
2640097	350	24/29, 24/29	70179090

Quantity :- Standard Packing per Cartoon.



2641 - DOUBLE SURFACE CONDENSERS

- Complies with IS 6052

Product Code	Approx Jacket Length mm	Approx Overall Height mm	Ground Joint	HSN Code
2641087	200	350	19/26	70179090
2641187	200	360	24/29	70179090
2641090	300	454	19/26	70179090
2641190	300	450	24/29	70179090

The above condensers are widely used in research labs. A double-surface condenser has a water jacket both on the outside and through the centre of the condensing tube. It is needed where the condensed liquid is very volatile. Hence for distilling ethers, alcohols, esters, aromatics, petroleum products and essential oils these condensers are widely used.

Quantity :- Standard Packing per Cartoon.



CYLINDERS



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Cylinders

Measuring cylinders are the most common and essential measuring devices used in any laboratory. **BOROSIL Scientific** Cylinders are made from heavy walled, machine drawn borosilicate glass tubing which makes them sturdy for daily laboratory use.

BOROSIL Scientific offers cylinders from capacities 5ml to 2000ml, with penny head stoppers.

Made from 3.3 Low Expansion
Borosilicate Glass



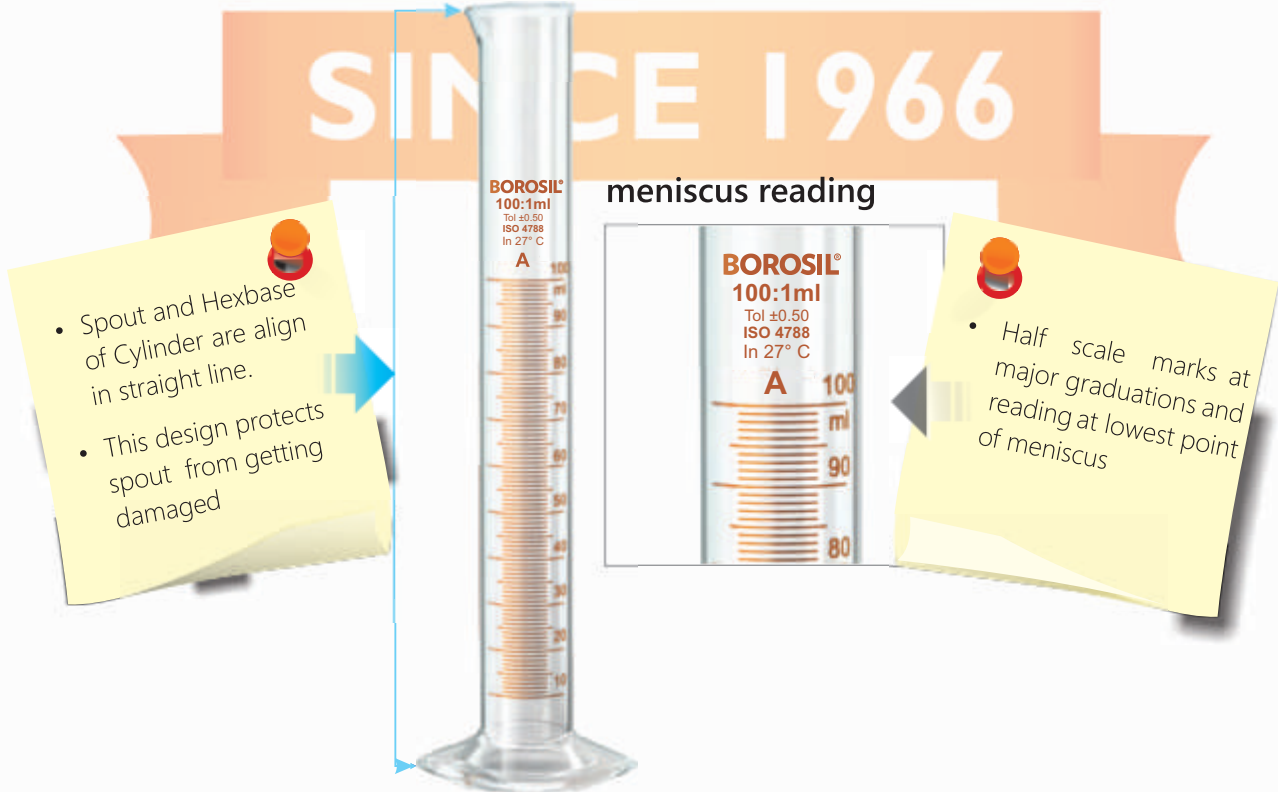
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- Complies with highest quality standards according to IS 878, ASTM E1272 and ISO 4788
- All measuring cylinders are calibrated to contain (TC, In) and all tolerances are according to IS/ISO/DIN/ASTM class "A" Standards
- Individually calibrated on automatic calibration machine
- Available in both Class A and Class B tolerances
- Individual calibration certificate provided for Class A pipettes
- Graduation markings made using finest quality white enamel or amber ink to ensure maximum durability
- Stringent control throughout the process of manufacturing and quality checks minimizes the possibility of deviations
- Specially designed with hexagonal base for enhance stability
- Spout allows drip free pouring



- Spout and Hexbase of Cylinder are align in straight line.
- This design protects spout from getting damaged

- Half scale marks at major graduations and reading at lowest point of meniscus

CYLINDERS

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2975 - NRSSLER CYLINDERS

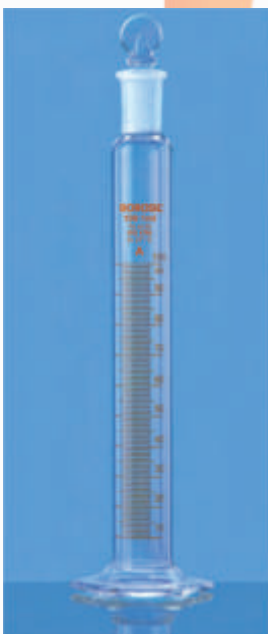
- Complies with IS 4161
- Facilitates colour comparison of water samples, freedom from colour or visible defects
- White enamel inscriptions
- Calibrated at 27°C

Product Code	Capacity ml	Approx O.D.x Height	Tolerance ± ml	HSN Code
2975009	25	19x65	0.20	70179010
2975012	52	25x150	0.40	70179010
2975016	100	34x180	0.80	70179010

Quantity :- Standard Packing per Cartoon.

2981 - CYLINDERS

- Complies with IS 878, ISO 4788
- Supplied with Interchangeable Penny head Stopper
- Graduated, Single Metric Scale
- Each cylinder is engraved with a unique serial number, and comes with a Certificate of Calibration traceable to national standards
- Graduations in amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability
- Calibrated and certified at 27°C



Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	Stopper Size	HSN Code
2981005	5	0.1	0.05	10/19	70179010
2981006	10	0.2	0.10	10/19	70179010
2981009	25	0.5	0.25	14/23	70179010
2981012	50	1	0.50	14/23	70179010
2981016	100	1	0.50	19/26	70179010
2981021	250	2	1	24/29	70179010
2981024	500	5	2.5	24/29	70179010
2981029	1000	10	5	34/35	70179010
2981030	2000	20	10	34/35	70179010

Quantity :- Standard Packing per Cartoon.



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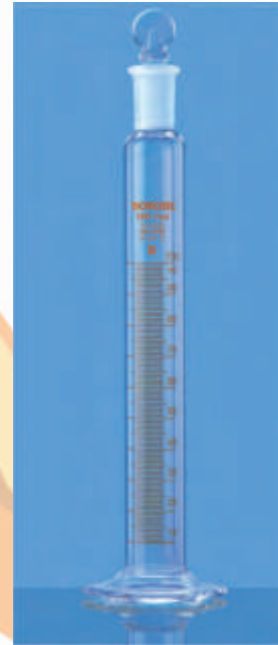
2982 - CYLINDERS

Class B, Hexagonal Base, with I/C Stopper

- Complies with IS 878, ISO 4788
- Supplied with Interchangeable Penny head Stopper
- Graduated, Single Metric Scale
- Graduations in amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability
- Calibrated at 27°C

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Stopper Size	HSN Code
2982005	5	0.1	0.1	10/19	70179010
2982006	10	0.2	0.2	10/19	70179010
2982009	25	0.5	0.5	14/23	70179010
2982012	50	1	1	14/23	70179010
2982016	100	1	1	19/26	70179010
2982021	250	2	2	24/29	70179010
2982024	500	5	5	24/29	70179010
2982029	1000	10	10	34/35	70179010
2982030	2000	20	20	34/35	70179010

Quantity :- Standard Packing per Cartoon.



2982 - CYLINDERS

Class B, Hexagonal Base, with I/C Stopper

- Tolerance complies with ASTM E 1272 and dimension as per ISO 4788
- Supplied with Interchangeable Penny head Stopper
- Graduated, Single Metric Scale
- Each cylinder is engraved with a unique serial number, and comes with a Certificate of Calibration traceable to national standards
- Graduations in amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability
- Calibrated and certified at 20°C

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	Stopper Size	HSN Code
2982005	5	0.1	0.05	10/19	70179010
2982006	10	0.2	0.10	10/19	70179010
2982009	25	0.5	0.17	14/23	70179010
2982012	50	1	0.25	14/23	70179010
2982016	100	1	0.50	19/26	70179010
2982021	250	2	1	24/29	70179010
2982024	500	5	2	24/29	70179010
2982029	1000	10	3	34/35	70179010
2982030	2000	20	6	34/35	70179010

Quantity :- Standard Packing per Cartoon.



CYLINDERS

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3021 - CYLINDERS

Class A, Hexagonal base, Pour out, with Individual Calibration Certificate

- Complies with IS 878, ISO 4788
- Graduated, Single Metric Scale
- Each cylinder is engraved with a unique serial number, and comes with a Certificate of Calibration traceable to national standards
- Graduations in amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability
- Calibrated and certified at 27°C

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
3021005	5	0.1	0.05	70179010
3021006	10	0.2	0.1	70179010
3021008	20*	0.1	0.25	70179010
3021009	25	0.5	0.25	70179010
3021012	50	1	0.5	70179010
3021016	100	1	0.5	70179010
3021018	150*	2	1	70179010
3021021	250	2	1	70179010
3021024	500	5	2.5	70179010
3021029	1000	10	5	70179010
3021030	2000	20	10	70179010

Quantity :- Standard Packing per Cartoon.

As per BOROSIL Scientific Standards

SINCE 1966



3022 - CYLINDERS

Class B, Hexagonal base, Pour out

- Complies with IS 878, ISO 4788
- Graduated, Single Metric Scale
- Certificate of Calibration traceable to national standards
- Graduations in amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability
- Calibrated at 27°C

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
3021005	5	0.1	0.1	70179010
3021006	10	0.2	0.2	70179010
3021009	25	0.5	0.5	70179010
3021012	50	1	1	70179010
3021016	100	1	1	70179010
3021018	150*	2	2	70179010
3021021	250	2	2	70179010
3021024	500	5	5	70179010
3021029	1000	10	10	70179010
3021030	2000	20	20	70179010

Quantity :- Standard Packing per Cartoon.

*150 ml Not covered in any Standards



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3026 - CYLINDERS

ASTM, Class A, Hexagonal base, Pour out, with Individual Calibration Certificate

- Complies with ASTM E 1272
- Graduated, Single Metric Scale
- Each cylinder is engraved with a unique serial number, and comes with a Certificate of Calibration traceable to national standards
- Graduations in amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability
- Calibrated and certified at 20°C



Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
3026005	5	0.1	0.05	70179010
3026006	10	0.2	0.10	70179010
3026009	25	0.5	0.17	70179010
3026012	50	1	0.25	70179010
3026016	100	1	0.25	70179010
3026021	250	2	1	70179010
3026024	500	5	2	70179010
3026029	1000	10	3	70179010
3026030	2000	20	6	70179010

Quantity :- Standard Packing per Carton.

3027 - CYLINDERS

ASTM, Class B, Hexagonal base, Pour out

- Complies with ASTM E 1272
- Graduated, Single Metric Scale
- Each cylinder is engraved with a unique serial number, and comes with a Certificate of Calibration traceable to national standards
- Graduations in amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability
- Calibrated at 20°C



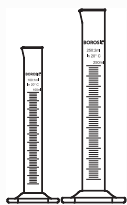
Till stock Lasts				
Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
3027005	5	0.1	0.1	70179010
3027006	10	0.2	0.2	70179010
3027009	25	0.5	0.34	70179010
3027012	50	1	0.5	70179010
3027016	100	1	1	70179010
3027021	250	2	2	70179010
3027024	500	5	4	70179010
3027029	1000	10	6	70179010
3027030	2000	20	12	70179010

Quantity :- Standard Packing per Carton.



ASIAN SCIENTIFIC INSTRUMENTS

SUPER MARKET FOR LAB ITEMS



3032 - Tapped Density Cylinders

- As Per USP, Ch. 616
- Supplied as a set of two cylinders
- Used in tapped density apparatus to measure bulk density of powders
- Graduation in amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability
- Calibrated at 20°C

Product Code	Capacity ml	HSN Code
3032041	100 & 250	70179010

Quantity :- Standard Packing per Cartoon.



3033 - Tapped Density Cylinders

- As Per USP, Ch. 616

Product Code	Capacity ml	HSN Code
3033016	100	70179010

Quantity :- Standard Packing per Cartoon.



3034 - Tapped Density Cylinders

- As Per USP, Ch. 616

Product Code	Capacity ml	HSN Code
3034021	250	70179010

Quantity :- Standard Packing per Cartoon.



3070 - Rain Measure Cylinders

- Complies with IS 4849
- Graduated, Single metric scale
- Graduation in white enamel
- The cylinders are graduated to indicate rainfall in mm when used with appropriate rain collector
- Calibrated at 27°C

Product Code	Size mm	Used for Collector Area cm ²	Graduation Interval mm	Tolerance Per Case	HSN Code
3070096	20	200	0.2	0.05	70179010
3070098	20	100	0.2	0.10	70179010

Quantity :- Standard Packing per Cartoon.



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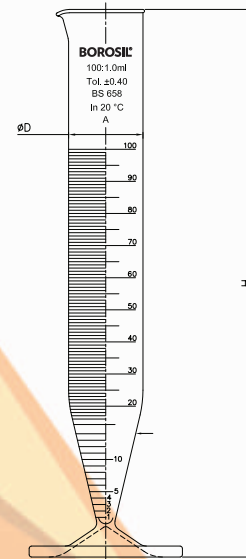
3041 - CROW CYLINDER

Class A, with Individual Calibration Certificate

- Complies with BS 658 standard
- Graduated Single metric scale
- Each cylinder is engraved with a unique serial number and is provided with a calibration certificate traceable to national standards
- Graduations in amber enamel
- Calibrated and certified at 20°C
- Ideal for the collection and measurement of distillate in oil and jar tests

Product Code	Capacity ml	Tolerance ± ml	HSN Code
3041016	100	0.4	70179010

Quantity :- Standard Packing per Cartoon.



2010 - CYLINDERS

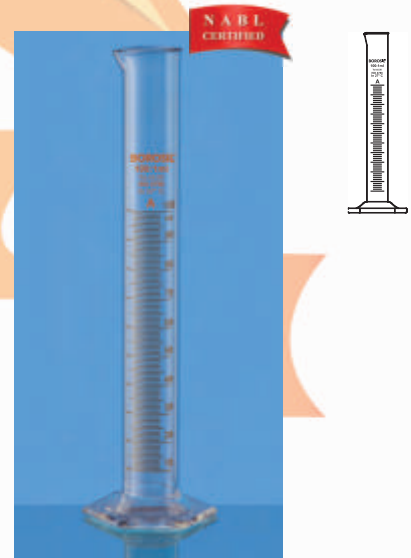
NABL Certified, Class A, Hexagonal base, Pour out, with individual Calibration Certificate

- Complies with IS 1997, ISO 4788
- Graduated, Single Metric Scale
- Calibrated & certified at 27°C and supplied with NABL certificate of calibration traceable to National standards
- Graduations in amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability

Product Code	Capacity ml	Graduation Interval ml	Tolerance ± ml	HSN Code
2010005	5	0.1	0.05	70179010
2010006	10	0.2	0.10	70179010
2010009	25	0.5	0.25	70179010
2010012	50	1	0.50	70179010
2010016	100	1	0.50	70179010
2010018	150*	2	1	70179010
2010021	250	2	1	70179010
2010024	500	5	2.5	70179010
2010029	1000	10	5	70179010
2010030	2000	20	10	70179010

Quantity :- Standard Packing per Cartoon.

* 150 ml Not covered in Standard.



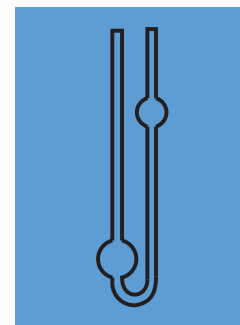
3500- VISCOMETER

Oswal 80 -100 Seconds, Uncertified

Product Code	Size	Nominal Constant(CS)	Viscosity Range	HSN Code
3500	0	0.01	0.3-3	70179090

Quantity :- Standard Packing per Cartoon.

* Supplied Without Certificate



Desiccator

BOROSIL® Scientific brand Desiccators are equipped with bodies and covers that have great strength and utility. The body is designed with a streamlined contour that facilitates easy cleaning of the used desiccant. Any desiccant such as sulphuric acid, phosphoric pentoxide, calcium chloride or silica gel may be used in Borosil Scientific brand Desiccators. For your convenience, all Borosil Scientific brand Plain Desiccators of the same size have interchangeable covers and bodies. When the ground surface is cleaned and greased, Vacuum type Desiccators hold a vacuum of 500 mm of mercury.



3082 - DESICCATOR SET

- Complies with IS 6128
- Supplied with cover and porcelain plate, plastic knob
- Simple design for drying under atmospheric pressure
- Ground glass flanges
- Plates are positioned on an internal ledge within the base
- Generally used for drying of moist products, and for storage of moisture sensitive substances

Product Code	Nominal Diameter mm	Approx Volume ml	Approx Flange OD mm	Approx Total Height mm	HSN Code
3082041	100	120	153	173	70179090
3082042	150	410	213	205	70179090
3082043	200	975	272	272	70179090
3082044	250	1825	333	323	70179090
3082045	300	2555	395	344	70179090

Quantity :- Standard Packing per Cartoon.

Spare porcelain plate available on request



3083 - VACUUM DESICCATOR SET

With Cover & Porcelain Plate

- Complies with IS 6128
- Supplied with with cover having stopcock with PTFE spindle, porcelain plate and plastic knob
- Simple design for drying under atmospheric pressure
- Ground glass flanges
- Plates are positioned on an internal ledge within the base
- Designed for use under vacuum
- Generally used for drying of moist products, and for storage of moisture sensitive substances

Product Code	Nominal Diameter mm	Approx Volume ml	Approx Flange OD mm	Approx Total Height mm	HSN Code
3083041	100	120	153	173	70179090
3083042	150	410	213	205	70179090
3083043	200	975	272	272	70179090
3083044	250	1825	333	323	70179090
3083045	300	2555	395	344	70179090

Quantity :- Standard Packing per Cartoon.

Spare porcelain plate available on request



3084 - DESICCATOR SET

With Cover & Porcelain Plate Amber

- Complies with IS 6128
- Supplied with with cover and porcelain plate, plastic knob
- Simple design for drying under atmospheric pressure
- Ground glass flanges
- Plates are positioned on an internal ledge within the base
- Amber coating to protect light sensitive chemicals
- Generally used for drying of moist products, and for storage of moisture sensitive substances to prtetio



Product Code	Nominal Diameter	Approx Flange OD mm	Total Height mm	HSN Code
3084041	100	153	173	70179090
3084042	150	213	205	70179090
3084043	200	272	272	70179090
3084044	250	333	323	70179090
3084045	300	395	344	70179090

Quantity :- Standard Packing per Carton.

Spare porcelain plate available on request

3085 - VACUUM DESICCATOR SET

With Cover & Porcelain Plate Amber

- Complies with IS 6128
- Supplied with with cover having stopcock with PTFE spindle, porcelain plate and plastic knob
- Simple design for drying under atmospheric pressure
- Ground glass flanges
- Plates are positioned on an internal ledge within the base
- Designed for use under vacuum
- Amber coating to protect light sensitive chemicals
- Generally used for drying of moist products, and for storage of moisture sensitive substances



Product Code	Nominal Diameter	Approx Flange OD mm	Total Height mm	HSN Code
3085041	100	120	173	70179090
3085042	150	410	205	70179090
3085043	200	975	272	70179090
3085044	250	1825	323	70179090
3085045	300	2555	344	70179090

Quantity :- Standard Packing per Carton.

Spare porcelain plate available on request

Steps for Assembling Vacuum Desiccator	STEP 1	STEP 2	STEP 3	STEP 4	STEP 5
	Remove the different parts supplied with the Desiccator <ul style="list-style-type: none"> • Bottom • Lid • Porcelain plate • Stop cock 	Place the porcelain plate in the bottom part of the desiccator	Place the lid over it	Remove the blue knob from the lid and fit the stopcock in blue knob	Screw the blue knob along with the stopcock on the lid. Connect the desiccator to a vacuum source (pressure 1 bar) with a rubber tube.



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Dishes

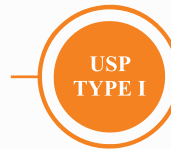
BOROSIL Scientific brand Dishes are designed to fulfil your wide-ranging needs - Crystallizing, Evaporating, Drying, Storing, Petri Dishes for culture, assay and micro-biological works. All BOROSIL Scientific brand Dishes are safe, durable and economical.

BOROSIL Scientific brand Dishes are inert, can be sterilised and remain clear even after repeated use and washing. With each subsequent use, the cost per Dish decreases



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Made from 3.3 Low Expansion
Borosilicate Glass



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3140 - CRYSTALLIZING DISHES

- Reinforced and fire-polished rims reduce chipping
- Large labelling field for easy marking
- Very high resistance to chemicals and thermal shocks
- Ideal for crystallization and in hot/ice baths

Product Code	Approx O.D.x Height mm	Approx Capacity ml	HSN Code
3084041	100	153	70179090
3084042	150	213	70179090
3084043	200	272	70179090
3084044	250	333	70179090
3084045	300	395	70179090

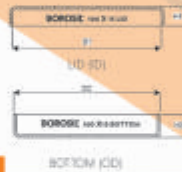


Quantity :- Standard Packing per Cartoon.

3160 - PETRI DISHES(3.3 Borosilicate)

- Made of 3.3 low expansion borosilicate glass
- Complies with IS 2626
- These dishes are clear and withstand repeated sterilisation cycles (wet or dry)
- Beaded edges impart greater mechanical strength
- Specially formed to ensure even wall thickness and consistent optical performance
- Ideal culture vessel for microbiology and plant tissue culture applications

Product Code	Size mm	LID Approx DI x Height	Bottom Approx O.D. x Height	HSN Code
3160065	50x17	53x15	50x17	70179090
3160072	80x17	83x15	80x17	70179090
3160077	100x17#	103x15	100x17#	70179090
3160081	150x20	153x17	150x20	70179090
3160087	200x20	203x20	200x20	70179090



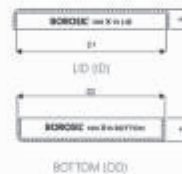
Quantity :- Standard Packing per Cartoon.

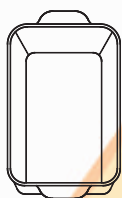
Not covered in standard

3165 - S LINE PETRI DISHES

- Made of sodalime glass
- S-Line petri dishes with durable white enamel printing - with lid and bottom mentioned on it
- Helps in quick identification of the lid and the bottom while sorting and pairing the petri dishes during use
- Optically clear and bubble free for making critical observations
- Flat inner surface for uniform distribution of media
- Ideal culture vessel for microbiology and plant tissue culture applications

Product Code	Size mm	LID Approx DI x Height	Bottom Approx O.D. x Height	HSN Code
3135065	50X12	46X8	44X12	70179090
3165072	80X15	76X12	74X15	70179090
3165A75	90X15	86X12	54X15	70179090
3165077	100X15	96X12	94X15	70179090
3165A77	100X20	96X15	91X20	70179090
3165081	150X25	143X18	141X25	70179090
3165087	200X30	195X24	192X30	70179090

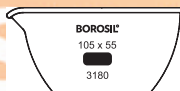




3170 - DRYING TRAYES

- Made with a heavy wall, withstand hot air or stream sterilization
- Facilitates paper chromatography
- Dimensions are approximate, representing the inside

Product Code	Approx Dimension mm	Approx Capacity ml	HSN Code
3170044	100	153	70179090
3170043	150	213	70179090
3170042	200	272	70179090
3170041	250	333	70179090



3180 - FLAT BOTTOM EVAPORATING DISHES With Spout

- Withstands repeated sterilisation (Wet or dry)
- Designed with a spout to facilitate clean pouring
- Very high resistance to chemicals and thermal shocks
- Beaded edge give greater mechanical strength
- Ideal for evaporating solvents in hot/ice baths

Product Code	Approx Dimension mm	Approx Capacity ml	HSN Code
3180072	100x45	165	70179090
3180078	105x55	290	70179090
3180081	150x80	855	70179090
3180087	200x100	1790	70179090



DISHES

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S LINE

Petri Dishes

Culture vessel for

- Microbial applications
- Plant tissue culture applications

Now Lid and bottom identification is EASY!!!



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Asian Estate : 4-1-10, Tilak Road Opposite Posnett Bhavan Hyderabad, Telangana-500 001
Ph.: 93930-01939, 90522-23905, 98480-31317, 93472-45096

051



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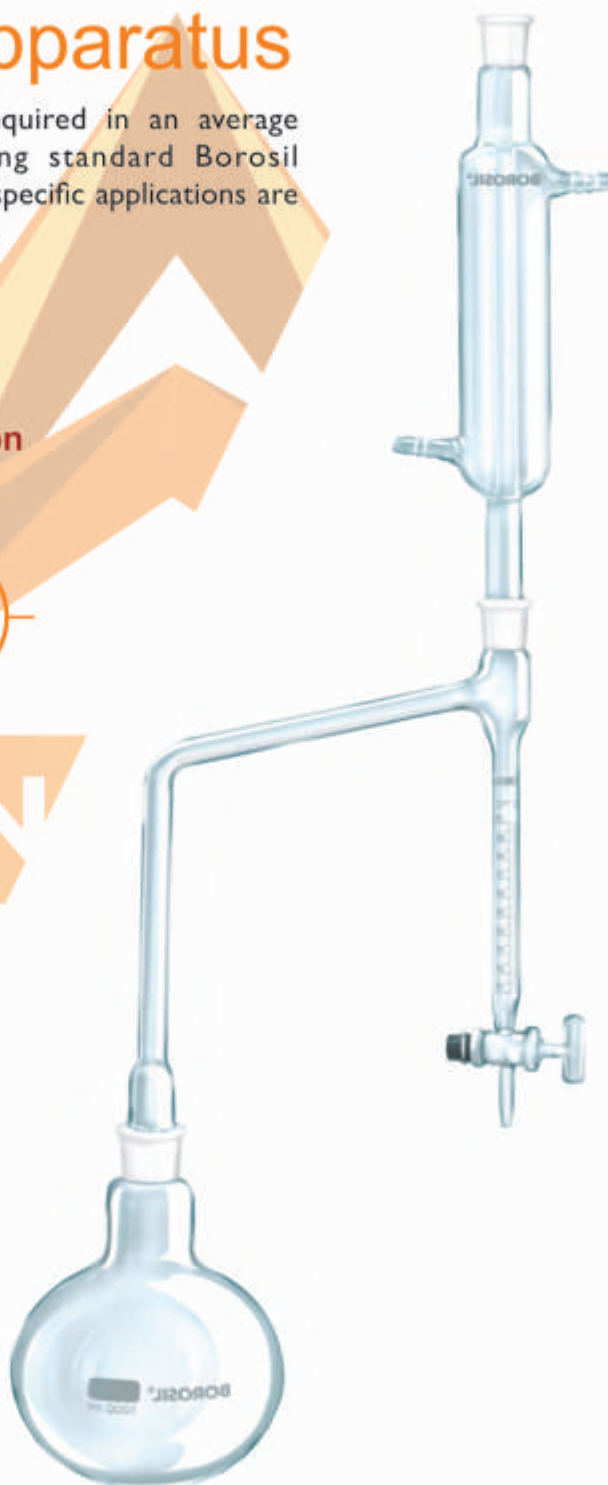
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SUPER MARKET FOR LAB ITEMS

Distilling Apparatus

Most of the distillation equipment required in an average laboratory can be constructed using standard Borosil Components. Distillation assemblies for specific applications are available as complete units, as listed herein.

Made from 3.3 Low Expansion
Borosilicate Glass



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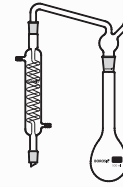


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3340 - CRYSTALLIZING DISHES

- Reinforced and fire-polished rims reduce chipping
- Large labelling field for easy marking
- Very high resistance to chemicals and thermal shocks
- Ideal for crystallization and in hot/ice baths



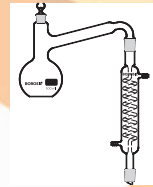
Product Code	Capacity ml	HSN Code
3340024	500	70179090

Quantity :- Standard Packing per Cartoon.
Spare parts available on request

3360 - DISTILLING APPARATUS

With Graham Condenser, Interchangeable Joints & Stopper

- Ideal for batch production of high purity distilled water
- General purpose Batch Distillation Assembly equipped
- with an interchangeable stoppered neck that facilitates addition
- The Flask has a flat base with a delivery tube on the side



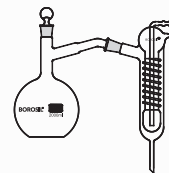
Product Code	Capacity ml	Condenser Jacket mm	Inter Changeable Joint	HSN Code
3340024	500	200	19/26	70179090

Quantity :- Standard Packing per Cartoon.
Spare parts available on request

3380 - DISTILLING APPARATUS

With Friedrichs Condenser, Interchangeable joint & Stopper

- Ideal for batch production of high purity distilled water
- With Friedrich's Spiral Condenser for higher distillation rates
- General purpose Batch Distillation Assembly equipped with an interchangeable stoppered neck that facilitates addition
- The Flask has a flat base with a delivery tube on the side



Product Code	Capacity ml	Interchangeable Joint	HSN Code
3380030	2000	24/29	70179090

Quantity :- Standard Packing per Cartoon.
Spare parts available on request

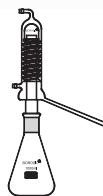
DISTILLING APPARATUS

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3440 - DISTILLING APPARATUS

With Friedrichs Condenser, Interchangeable Joint

- Compact
- A compact distillation assembly with specially designed Friedrich's Condensers
- This Condenser is designed with vapour tubing rising at
- A 1000 ml Erlenmeyer Flask is provided with an interchangeable 34/35 joint

Product Code	Capacity ml	Interchangeable Joint	HSN Code
3440029	1000	34/35	70179090

Quantity :- Standard Packing per Cartoon.

Spare parts available on request



3450 - ESSENTIAL OIL DETERMINATION APPARATUS

(Clevenger Apparatus), As per IS 1797

- Ideal for estimation of volatile oil that is heavier than water
- Supplied with a 5 ml Receiver with stopcock, an Oil Separator Tube, a condenser and 1000 ml flask

Product Code	Capacity ml	HSN Code
3450029	1000	70179090
3450030	2000	70179090
3450033	5000	70179090
3450038	10000	70179090
3450040	20000	70179090

Quantity :- Standard Packing per Cartoon.

Spare parts available on request



3451 - ESSENTIAL OIL DETERMINATION APPARATUS

(Clevenger Apparatus)

- Ideal for estimation of volatile oil that is lighter than water
- Supplied with a 5 ml Receiver with stopcock, an Oil Separator Tube, a condenser and 1000 ml flask

Product Code	Capacity ml	HSN Code
3451029	1000	70179090
3451030	2000	70179090
3451033	5000	70179090
3451038	10000	70179090
3451040	20000	70179090

Quantity :- Standard Packing per Cartoon.

Spare parts available on request



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3452 - ALCOHOL DISTILLATION UNIT

- Ideal for distilling alcohol in the laboratory to produce the purest grade
- Thorpe's revenue still for purification of ethyl alcohol popularly used in pharmaceutical industries

Product Code	Capacity ml	HSN Code
3452029	1000	70179090

Quantity :- Standard Packing per Cartoon.
Spare parts available on request



3454 - R M VALUE APPARATUS

- Ideal for use in dairy industries
- Facilitates the determination of butter fat, and the analysis of oil, fat and waxes

Product Code	Capacity ml	HSN Code
3454022	300	70179090
3454A22*	300	70179090

Quantity :- Standard Packing per Cartoon.
*AS per 548 Part I Standard



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3602 - DEAN STARK DISTILLING APPARATUS

As per IP

- Made of 3.3 borosilicate glass
- Uniform wall distribution of the Flask makes it suitable for heating
- Consists of a graduated 10 ml Receiver with 0.1 ml intervals

Product Code	Capacity of Receiver ml	HSN Code
3602005	5	70179090
3602006	10	70179090

Quantity :- Standard Packing per Cartoon.
* Spare parts available as per request

Receiver Tube 5ml / 10 ml graduated with 19 / 26 outer joint and 24 / 29 inner joint,

Note: 10 ml receiver tube is graduated from 1 ml to 10 ml in 0.1 ml intervals
Round bottom flask 1000 ml with 24 / 29 outer joint Liebig condenser 200 mm with 19 / 26 joint



WATER DISTILLATION UNIT

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SUPER MARKET FOR LAB ITEMS



**ON
DEMAND**

WATER DISTILLATION UNIT

Distillation is the most reliable and cost effective method of generating pure water for laboratory uses like reagents, buffer preparations, pH solutions, rinsing, media preparation, in baths, autoclaves etc.

Distillation generates water free of organic, inorganic impurities from feed water without the need to spend large sums on membranes, resins or filters.

Borosil's ON DEMAND Automatic distillation units empowers the user to set the demand for a set volume of pure water. The unit operates automatically to deliver the set volume and turns itself off. A system prompted step by step guide assists the user in cleaning the unit for an uninterrupted operation. Safety features for auto cut-off in case of water supply failure or boiler overheating.



SINCE 1



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Water Distillation Unit

General laboratory applications requiring higher ionic purity, samples & buffer preparations

On Demand Single Distillation Unit (SDU)

Single Stage Distillation units provide automatic working for getting pure water by distillation method capable of removing a wide spectrum of impurities. Raw water is boiled to produce steam which is taken to a condenser where it returns to the liquid state, free of impurity. The impurities remain in the boiler and can be removed periodically with the help of in built descaling or cleaning guide.



SINCE 1966

Technical Data & Ordering Information

Model Name	SDU1500	SDU2500	SDU4000
Capacity Distilled Water Output	1.5 LPH	2.5 LPH	4 LPH
Minimum cooling Water Requirement (Ltr/Min)	1	1.5	2
Heater	Quartz	Quartz	Quartz
Boiler	Boro 3.3	Boro 3.3	Boro 3.3
Condenser	Boro 3.3	Boro 3.3	Boro 3.3
Biological Activity	Pyrogen Free	Pyrogen Free	Pyrogen Free
Conductivity S/m*	<3x10 ⁻⁶	<3x10 ⁻⁶	<3x10 ⁻⁶
Power Consumption (kw)	1.5kw	2.5kw	2.5kw
Voltage (V)	230 V	230 V	230 V
Dimension (LxBxH) in mm		650x255x440	
HSN Code		84098990	
Ordering Code	BLFRSDU15000000000	BLFRSDU25000000000	BLFRSDU40000000000
Prices/Piece	45,800.00	63,900.00	71,000.00

* Inlet water TDS < 100 ppm

Note: Because of difficulties associated with measurement of the pH value of high purity water and the doubtful significance values obtained, limits for the pH value of grade 1 & grade 2 water have not been specified. Conductivity specified applies for freshly prepared water in absence of Carbon Dioxide at 20°C.

Water Distillation Unit

General laboratory applications requiring higher ionic purity, samples & buffer preparations

On Demand Single Distillation Unit (SDU)

Double Stage Distillation units provide automatic working for getting pure water by distillation method capable of removing a wide spectrum of impurities. Raw water is boiled to produce steam which is taken to a condenser where it returns to the liquid state, free of impurity. The impurities remain in the boiler and can be removed periodically with the help of in built descaling or cleaning guide.



Model Name	SDU1500	SDU2500	SDU4000
Capacity Distilled Water Output	1.5 LPH	2.5 LPH	4 LPH
Minimum cooling Water Requirement (Ltr/Min)	1	1.5	2
Heater	Quartz	Quartz	Quartz
Boiler	Boro 3.3	Boro 3.3	Boro 3.3
Condenser	Boro 3.3	Boro 3.3	Boro 3.3
Biological Activity	Pyrogen Free	Pyrogen Free	Pyrogen Free
Conductivity S/m*	<3x10-6	<3x10-6	<3x10-6
Power Consumption (kw)	3kw	4.4kw	7kw
Voltage (V)	230 V	230 V	230 V
Dimension (LxBxH) in mm		650x255x440	
HSN Code		84098990	
Ordering Code	BLFRSDU15000000000	BLFRSDU25000000000	BLFRSDU40000000000
Prices/Piece	45,800.00	63,900.00	71,000.00

* Inlet water TDS < 100 ppm

Note: Because of difficulties associated with measurement of the pH value of high purity water and the doubtful significance values obtained, limits for the pH value of grade 1 & grade 2 water have not been specified. Conductivity specified applies for freshly prepared water in absence of Carbon Dioxide at 20°C.



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NEW PRODUCT

Quartz Cabinet Distillation

On Demand Single Distillation Unit (SDU)

Double Stage Quartz cabinet units with reservoir provide automatic working with safety cut-offs for dry-run/unstable water flow. It also offers dispensing serially or continuously from reservoir storage.



Technical Data & Ordering Information

Model Name	QCD 250
Orientation	Vertical
Design	Bench Top Cabinet
Capacity Distilled water Output	2.5 LPH
Minimum Cooling water requirement (Ltr/Min)	2
Dimensions (L*B*H) along with reservoir	730x730x1020
Heater	Quartz
Boiler	Quartz
Condensor	Quartz
Biological Activity	Pyrogen Free
Conductivity S/cm ²	< 1x10 ⁻⁶
Power Consumption	4.4 KW
Voltage(V)	230 V
Dry Run Protection	Yes
On Demand Output	Yes
Storage Mode	Yes
Auto Filling Reservoir	Yes
Dispense Rate (ml/min)	900 ml
Order Code	BLFRQCD25000000000
HSN Code	84194090
Price/Piece	2,87,900.00

* Inlet water TDS < 100 ppm

Note: Because of difficulties associated with measurement of the pH value of high purity water and the doubtful significance values obtained, limits for the pH value of grade 1 & grade 2 water have not been specified. Conductivity specified applies for freshly prepared water in absence of Carbon Dioxide at 20°C. Conductivity values are affected by temperature and absorbed carbon dioxide quantity along with other contaminants from containers stored.

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Ph.: 93930-01939, 90522-23905, 98480-31317, 93472-45096

Quartz Cabinet Distillation

Manufactured from quartz, providing quick & continuous purified water with smaller foot print in laboratories.



Mono Quartz Distillation Units (Manual)

These Innovative and compact vertical Distillation Units Made from Pure Silica - Quartz are ideal choice for getting single stage distilled water. It meets the standard of the analytical laboratory where purity of distilled water free from metallic ions and bacteria is important

Technical Data & Ordering Information

Model Name	3363042	3363033	3363038	3364042	3364042
Capacity Distilled water Output	2.5LPH	5LPH	10LPH	2.5LPH	5LPH
Minimum Cooling water requirement (Ltr/Min)	1	2	25	1	2
Heater	Quartz	Quartz	Quartz	Quartz	Quartz
Boiler	Quartz	Quartz	Quartz	Quartz	Quartz
Condensor	Boro 3.3	Boro 3.3	Boro 3.3	Quartz	Quartz
Biological Activity	Pyrogen free	Pyrogen free	Pyrogen free	Pyrogen free	Pyrogen free
Conductivity S/cm ²	<3x10-6	<3x10-6	<3x10-6	<3x10-6	<3x10-6
Power Consumption	2.2 kw	4.4 kw	8.8 kw	2.2 kw	4.4 kw
Voltage(V)	230V	230V	440V - 3 phase	230V	230V
HSN Code	841940901				
Ordering Code	BT533363042	BT533363033	BT533363038	BT533364042	BT533364033
Model Prices/Pieces	4530000.00	85800.00	196000.00	78200.00	150000.00
Accessory - DAPS Code	3366341	3366333	3366338	3366442	3366433
DAPS Prices/Piece	15700.00	17530.00	42470.00	15700.00	17420.00

DAPS - The Unit provides for Automatic working of distillation unit by switching off the heaters in case water level falls below the heating coil, thereby safeguarding the heaters. The unit resumes distillation when water level is restored by pushing reset button on front panel. The water level sensor probe works on 12V and hence is very safe to handle. The unit also comes with Buzzer. DAPS is unique for each model.

Note: Because of difficulties associated with measurement of the pH value of high purity water and the doubtful significance values obtained, limits for the pH value of grade 1 & grade 2 water have not been specified. Conductivity specified applies for freshly prepared water in absence of Carbon Dioxide at 20°C.



Water Distillation Unit

All quartz innovative & compact design offers consistent purified water in two distillation stages

All Quartz Double Distillation Units

Quartz distillation units are manufactured from fused quartz tubes. The exceptionally high chemical purity and very low solubility of this material enables the production of very high performance system. The greatest possible attention has been taken for technical performance, simplicity of use and efficiency

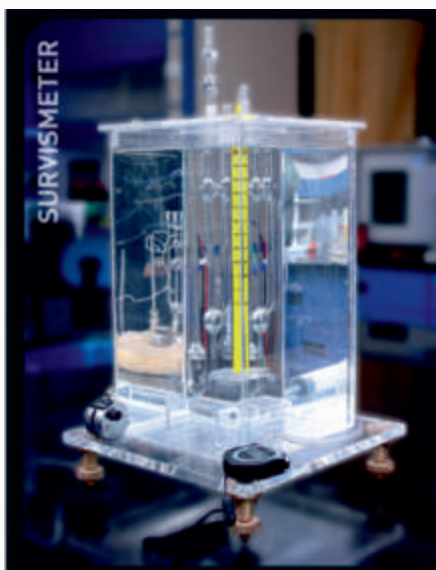


Technical Data & Ordering Information

Model Name	3365041	3365042	3365033
Capacity Distilled Water output	1.5LPH	2.5 LPH	5LPH
Minimum Cooling Water Requirement Ltr/Min	1	2	2.5
Heater	Quartz	Quartz	Quartz
Boiler	Quartz	Quartz	Quartz
Condenser	Quartz	Quartz	Quartz
Biological Activity	Pyrogen free	Pyrogen free	Pyrogen free
Power Consumption (KW)	<1x10-6	<1x10-6	<1x10-6
Voltage (V)	3kw	4.4kw	8.8kw
HSN Code	230V	230V	440V 3 Phase
Ordering Code	84094090		
Model Prices/Piece	BT533365041	BT533365042	BT530065033
Accessory DAPS	130100.00	228800.00	407200.00
DAPS Prices/Piece	16670.00	17420.00	32900.00

* Inlet water TDS < 100 ppm

Note: Because of difficulties associated with measurement of the pH value of high purity water and the doubtful significance values obtained, limits for the pH value of grade 1 & grade 2 water have not been specified. Conductivity specified applies for freshly prepared water in absence of Carbon Dioxide at 20°C.



Mansingh Survismeter

(Singapore Govt. Patent No. I26089)

Features

- **Multi data device**
- **Vibration free transparent casing**
- **Easy handling**
- **Easy sampling**
- **Easy data process**
- **No air contamination because the sample is jacketed within respective bulbs**
- **Boon for physicochemical characterization of volatile, inflammables, carcinogenic liquids**
- **Eco-Friendly**
- **Homogeneous Temperature control**

Cat No.	Description	HSN Code
3453	Borosil Mansingh Survismeter for Measurement of surface Tension	70179090

For centuries, surface tension (γ) and viscosity (η) data have been measured using separate instruments, resulting in wastage of time and materials. Made of Borosil mansingh Survismeter has been designed to measure surface tension, wetting coefficient, viscosity and friccohesity data to rationalise frictional and cohesive forces, respectively. Friccohesity focuses on a complete friccochemistry of giants and supramolecular mixtures.

Borosil Mansingh Survismeter is a state-of-the-art apparatus for measurement of surface tension (± 0.01 mN/m), interfacial tension

(± 0.01 mN/m), viscosity ($\pm 10^{-4}$ mPa.S), wetting coefficient (± 0.01 mpa.cm²) friccohesity ($\pm 10^{-6}$ s/cm) and related being a green science TSAD (trusted Sustainable Analytical Device), measures the above mentioned PCI (PhysicoChemical Indicator), while simultaneously saving 98% of experimental resources, infradstructure and skilled manpower, for interacting and reacting molecular materials.

A breakthrough in laboratory instruments, Borosil Mansingh Survismeter has wider analytical potential for quality control and formulations in materials applied sciences. It has unique essential facilities and cutting edge features based on 'On & Off' or '0 & 1' circuitry functional loops.

Fundamentally, Borosil Mansingh Survismeter measures surface tension, interfacial tension, wetting coefficient, viscosity and friccohesity simultaneously of aqueous, non-aqueous, aprotic dipolar, polar, protic polar and non-polar solvents and mixtures within wider ranges.

- The absolute and relative parameters are measured with 95.5 % CV (ConfidenceVariance).
- It works on the theory of R4M4(Reduce Reuse Recycle Redesign- Multipurpose Multidimensional Multifaceted Multitracking of materials and methods with highly precised and accurate experimental results, along with 100% inhibition of polluting discharges in experimental determinations.



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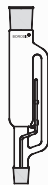
- The parameters measured with Borosil Mansingh Survismeter are highly significant and reliable for quality analysis of pharmaceuticals, biochemicals, cosmetics, agrochemicals, food and beverages, petroleum and oils, polymer and proteins, sol gels, soaps and detergents, inks, colloids, emulsion technology, pesticides, agrochemicals, insecticides, cutting oils, lubricating, viscous, moderately viscous and highly viscous materials.
- It is especially useful for characterising liquid mixtures of biopolymers, supramolecular chemistry, biotechnological processes and molecular interaction engineering of biomolecular devices, tracking interaction molecular forces, water binding capacities and structural changes during processes.
- It explains the features of Intramolecular Multiple Force Theory (IMMFT) applicable to giant supramolecules, dendrimers and biocomplexes used in several adverse temperature and pressure conditions.
- Borosil Mansingh Survismeter is an asset in case of volatile, moderately and highly volatile liquids and mixtures, volatile organic compounds, flammable liquids and carcinogenic materials as the samples are completely jacketed especially for surface tension, interfacial tension and wetting coefficient determinations.

Technical Data & Ordering Information

- Fast and multipurpose technology
- Eco-friendly and user-friendly
- Reduces fabrication expenditure
- Reduces the need for glass blowing gases, oxygen gas, LPG and manpower
- Reduces emission of heat into the environment
- Ensures safety during transport and maintenance
- Reduces chemicals and solvents greatly
- Contributes to the promotion of green chemistry
- Innovative for youngsters
- No wastage of the sample
- Requires a smaller sample
- Less time required for analysis
- Requires no basic maintenance
- Non-destructive
- Reduces cleaning reagents
- Reduces the number of operational steps in measurement
- Minimises the infrastructure as compared to individual devices

Industrial Applications

Industries such as cosmetics, soaps and detergents, petroleum and oils, pesticides, beverages, textiles, paints, polymers and textiles, paper pulp, ink and dyes, medicines and drugs, food and mineral water, and coolants and lubricants will directly benefit from the use of Borosil Mansingh Survismeter.



Extractor

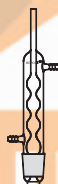
Liquid Solid Extraction involves the elution of a solid sample with pure solvent vapour. The sample is held in the Extractor body either directly or in a thimble. The siphoning type of Soxhlet Extractor finds the widest application in laboratory work. Borosil Scientific Soxhlet Extraction Apparatus is available in six sizes. The component parts of the apparatus are provided with interchangeable joints for greater flexibility.

3740 - SOXHLET FOR EXTRACTION APPARATUS

- With interchangeable joints
- Complies with IS 10640
- Designed with a bulb in the siphon tube near the top, to aid the siphoning action
- The vapour tube also protects the siphon tube from accidental damage

Product Code	Capacity ml	Interchangeable Joints Socket	Interchangeable Joints Cone	HSN Code
3740013	60	34/35	24/29	70179090
3740016	100	40/38	24/29	70179090
3740020	200	50/42	24/29	70179090

Quantity :- Standard Packing per Cartoon.



3741 - CONDENSER FOR EXTRACTION APPARATUS

- Greater surface area than the Liebig Condenser owing to a series of bulbs, resulting in higher cooling capacity
- Ideal for laboratory scale refluxing

Product Code	Capacity ml	Interchangeable Joints Cone	HSN Code
3741013	Small	34/35	70179090
3741016	Medium	40/38	70179090
3741020	Large	50/42	70179090

Quantity :- Standard Packing per Cartoon.



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3840 - SOXHLET FOR EXTRACTION APPARATUS SET

- With Interchangeable Joints
- Complies with IS 10640
- Used for separation of the extract from the liquid or solid
- Greater surface area than the Liebig Condenser owing to a series of bulbs, resulting in higher cooling capacity
- This method enables effective separation, with relatively small quantities

Product Code	Capacity ml	Flask Size ml	HSN Code
3840013	60	150	70179090
3840016	100	250	70179090
3840020	200	500	70179090
3840024	500*	2000	70179090
3840029	1000*	3000	70179090
3840030	2000*	5000	70179090

Spares are available on Request

Quantity :- Standard Packing per Cartoon.

For flask refer Product Code 4100 / 4380 (2000 ml, 3000 ml, 5000 ml)

* Extractor Supplied are with double surface condenser for higher cooling capacity & flange type soxhlet extractors







BOROSIL®
Scientific
Laboratory
Filter Media

Thimbles

Cellulose and Glass Fibre thimbles for accurate and consistent extraction applications.





FLASKS



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SUPER MARKET FOR LAB ITEMS

Flasks

All laboratories need Flasks of different types. **BOROSIL Scientific** offers a wide range of Flasks for a variety of applications such as boiling, culture, distilling, Erlenmeyer, Filtering, Iodine, and Kjeldahl. Choose one to suit your needs.

BOROSIL Scientific brand Flasks are designed to deliver the best combination of thermal shock resistance, physical strength and resistance to chemical attack. They are made so as to withstand the demands of the modern laboratory. Flasks with interchangeable joints are particularly suitable for all glass apparatus assemblies.

BOROSIL Scientific offers the interchangeable joints most commonly specified for a particular capacity. Tube Adaptors Category Nos. 8800 and 8820 can be used to connect the flask with a particular size joint to any other apparatus having a different size joint.

Made from 3.3 Low Expansion
Borosilicate Glass



SINCE 1966



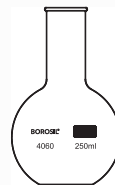
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4060 - FLAT BOTTOM FLASK

- Complies with IS 1381 (Part - I), ISO 1773
- Uniform wall thickness distribution makes these flasks ideal for heating
- All sizes have a durable matt-finished enamelled area for marking

Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck O.D. mm	HSN Code
4060009	25**	42x90	20	70179090
4060012	50	51x90	26	70179090
4060016	100	64x105	26	70179090
4060018	150**	75x132	28	70179090
4060021	250	85x140	34	70179090
4060022	*300**	88x160	24	70179090
4060024	500	105x165	34	70179090
4060029	1000	131x190	42	70179090
4060030	2000	166x230	50	70179090
4060031	3000	186x300	50	70179090
4060033	5000	224x320	58	70179090
4060034	6000	236x315	65	70179090
4060038	10000	279x360	65	70179090
4060040	20000	350x495	78	70179090



Quantity :- Standard Packing per Cartoon.

* Suitable for use in Polenske Apparatus

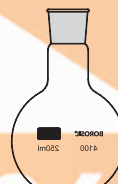
** Not covered in standards

4100 - FLAT BOTTOM FLASK

Narrow Mouth, Short Neck With I/C Joint

- Uniform wall thickness distribution makes these Flasks ideal for heating
- All sizes have a durable matt-finished enamelled area for marking
- Equipped with interchangeable joint
- The flat base ensures that the Flask can be placed down even without the supporting ring

Product Code	Capacity ml	Interchangeable Joint	Approx height mm	HSN Code
4100018	150	24/29	115	70179090
4100021	250	24/29	130	70179090
4100024	500	24/29	160	70179090
4100029	1000*	34/35	288	70179090
4100030	2000*	34/35	321	70179090
4100031	3000*	34/35	345	70179090
4100033	5000*	34/35	381	70179090



Quantity :- Standard Packing per Cartoon.

* These Are specific flasks with long neck 34/35 joint used in jewellery Manufacturers

FLASKS

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Scientific



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SUPER MARKET FOR LAB ITEMS



4260 - ROUND BOTTOM FLASK

Narrow Mouth

- Complies with IS 1381 (Part I), ISO 1773
- Uniform wall thickness distribution makes these Flasks ideal for heating
- All sizes have a durable matt-finished enamelled area for marking

Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck O.D. mm	HSN Code
4260009	25**	42x90	22	70179090
4260012	50	51x95	26	70179090
4260016	100	64x110	26	70179090
4260018	150**	75x137	28	70179090
4260021	250	85x143	34	70179090
4260024	500	105x168	34	70179090
4260029	1000	131x200	42	70179090
4260030	2000	166x240	51	70179090
4260031	3000	187x305	50	70179090
4260033	5000	224x350	58	70179090
4260034	6000	236x330	65	70179090
4260038	10000	279x380	65	70179090
4260040	20000	350x505	78	70179090

Quantity :- Standard Packing per Cartoon.

** Not covered in standards



LABQUEST
BY BOROSIL

Still and Stirred Oil Baths

The oil bath is Constructed entirely of stainless steel, the Precision Oil Bath provides controlled heating up to 240°C. It is designed for still and stirred applications, offering a temperature accuracy of +1°C. The bath is insulated for user safety and equipped with overshoot control. Additionally, it can be used with water.

- Made from stainless steel
- Perforated base plate and supplied with lid
- Temperature control of either internal or external with a PT 100 probe
- Cylindrical interior tank
- Small footprint
- Microprocessor PID control
- Available with an inbuilt stirrer option for uniform heat transfer

Call or Write to us

Email id: lab.support@borosil.com

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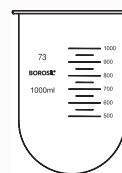
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4265 - DISSOLUTION E-FLASK

Clear, USP, With Certificate

- Designed for dissolution apparatus with side cut, as per USP
- Vessels conform to all requirements of USP Ch. 71 I, provided with certificate
- Smooth hemispherical base with no flaws or defects, straight sides and a flat flange
- Graduated in intervals of 50 ml
- Ideal for Dissolution Apparatus for determining the dissolution characteristics of drugs in capsules and tablets



Product Code	Capacity ml	Approx O.D. x Height mm	HSN Code
4265029	25**	42x90	70179090

Quantity :- Standard Packing per Cartoon.

4267 - DISSOLUTION E-FLASK

Amber, USP, With Certificate

- Designed for dissolution apparatus with side cut, as per USP
- These vessels conform to all the requirements of USP Ch. 71 I, provided with certificate
- Smooth hemispherical base with no flaws or defects, straight sides and a flat flange
- Graduated in intervals of 50 ml
- Ideal for dissolution apparatus for determining the dissolution characteristics of drugs in capsules and tablets
- Coloured in Amber to protect light-sensitive material
- The Amber colour is applied only to the external surface to prevent contamination with the testing material



Product Code	Capacity ml	Approx O.D. x Height mm	HSN Code
4267029	1000	131x173	70179090

Quantity :- Standard Packing per Cartoon.

4270 - DISSOLUTION D-FLASK

- Designed for Dissolution Apparatus without side cut, with silicon ring, as per USP
- Vessels conform to all requirements of USP Ch. 71 I, provided with certificate
- Smooth hemispherical base with no flaws or defects, straight sides and a flat flange
- Graduated in intervals of 50ml
- Ideal for determining the dissolution characteristics of drugs in capsules and tablets



Product Code	Capacity ml	Approx O.D. x Height mm	HSN Code
4270029	1000	132x168	70179090

Quantity :- Standard Packing per Cartoon.

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ASIAN SCIENTIFIC INSTRUMENTS

SUPER MARKET FOR LAB ITEMS

4315 - PEAR SHAPE FLASK

With I/C joint

- The conical shape makes them ideal for small scale reaction
- Large labeling field



Product Code	Capacity ml	Interchangeable Joint Size	HSN Code
4315005	5	10/19	70179090
4315105	5	14/23	70179090
4315006	10	10/19	70179090
4315106	10	14/23	70179090
4315009	25	14/23	70179090
4315012	50	14/23	70179090

Quantity :- Standard Packing per Cartoon.

4320 - ROTARY EVAPORATORY FLASK

With I/C joint

- Rota Vapour Flasks are used along with Rotary Evaporators
- Ideal for heating sensitive solvent solute combinations
- Facilitate the extraction of key components like odour, oil, drugs, natural extract and fragrance



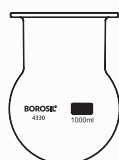
Product Code	Capacity ml	Interchangeable Joint Size	HSN Code
4320112	50	24/29	70179090
4320012	50	29/32	70179090
4320116	100	24/29	70179090
4320016	100	29/32	70179090
4320121	250	24/29	70179090
4320021	250	29/32	70179090
4320124	500	24/29	70179090
4320024	500	29/32	70179090
4320129	1000	24/29	70179090
4320029	1000	29/32	70179090
4320130	2000	24/29	70179090
4320030	2000	29/32	70179090

Quantity :- Standard Packing per Cartoon.

4330 - REACTION VESSEL FLASK

With Mouth With Flange

- These flasks have a spherical body with a neck of inner diameter 4 inches (approx 100 mm)
- The top is finely ground to ensure a leak-resistant fit with the cover



Product Code	Capacity ml	Approx Height mm	HSN Code
4330029	1000	170	70179090
4330030	2000	205	70179090
4330033	5000	260	70179090
4330038	10000	335	70179090
4330040	20000	400	70179090

Quantity :- Standard Packing per Cartoon.





4380 - ROUND BOTTOM FLASK

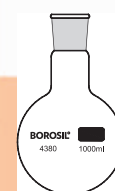
Narrow Mouth, Short Neck With I/C Joint

- Uniform wall thickness distribution and the round - bottom shape make them ideal for heating
- Generally used in distillation and extraction processes
- Large labelling field

Product Code	Capacity ml	Approx Height mm	Interchangeable Joint Size	HSN Code
4380A05	5	60	14/23	70179090
4380A06	10	65	14/23	70179090
4380A09	25	80	14/23	70179090
4380B09	25	77	19/26	70179090
4380A12	50	95	14/23	70179090
4380B12	50	95	19/26	70179090
4380C12	50	95	14/23	70179090
4380D12	50	95	29/26	70179090
4380E12	50	95	24/29	70179090
4380A16	100	120	14/23	70179090
4080B16	100	120	19/26	70179090
4380C16	100	120	24/29	70179090
4380D16	100	120	29/32	70179090
4380E16	100	120	34/35	70179090
4380A21	250	140	14/23	70179090
4380B21	250	140	19/26	70179090
4380C21	250	140	24/29	70179090
4380D21	250	140	29/32	70179090
4380E21	250	140	34/35	70179090
4380A24	500	160	14/23	70179090
4380B24	500	160	19/26	70179090
4380C24	500	160	24/29	70179090
4380D24	500	160	29/32	70179090
4380E24	500	160	34/35	70179090
4380A29	1000	190	19/26	70179090
4380B29	1000	190	24/29	70179090
4380C29	1000	190	29/32	70179090
4380D29	1000	190	34/35	70179090
4380E29	1000	190	45/40	70179090
4380F29	1000	190	55/44	70179090
4380A30	2000	230	24/29	70179090
4380B30	2000	230	29/32	70179090
4380C30	2000	230	34/35	70179090
4380D30	2000	230	45/40	70179090
4380A31	3000	265	24/29	70179090
4380B31	3000	265	29/32	70179090
4380C31	3000	265	34/35	70179090
4380D31	3000	265	45/40	70179090
4380E31	3000	265	55/44	70179090
4380A33	5000	300	24/29	70179090
4380B33	5000	300	29/32	70179090
4380C33	5000	300	34/35	70179090
4380D33	5000	300	45/40	70179090
4380E33	5000	300	55/44	70179090
4380A38	10000	385	34/35	70179090
4380B38	10000	385	45/40	70179090
4380C38	10000	385	55/44	70179090
4380D38	20000	435	55/44	70179090



966



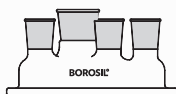
Quantity :- Standard Packing per Cartoon.

ASIAN SCIENTIFIC INSTRUMENTS

SUPER MARKET FOR LAB ITEMS

4331 - LID FOR REACTION VESSEL FLASK (Cat. No. 4330)

- Lids can used with all of the above capacities of REACTION VESSEL FLASK (CAT. NO. 4330)

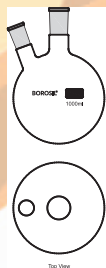


Product Code	Interchangeable Joint Size					HSN Code
	Centre	Parallel	Side 50°	Side 10°	Side 15°	
4331Z97	19/26	19/26	24/29	19/26	-	70179090
4331Z98	19/26	14/23	14/23	14/23	29/32	70179090
4331Z99	29/32	14/23	14/23	14/23	29/32	70179090

Quantity :- Standard Packing per Cartoon.

4381 - ROUND BOTTOM FLASK 2 Necks Angular

- With Interchangeable Joints
- One neck is centred and vertical. The side neck is inclined at an angle of 20° to the vertical neck
- Uniform wall thickness distribution and the round-bottom shape make them ideal for heating
- The shape facilitates uniform heating
- Accessories, thermometer, column, dropping funnels, boiling capillaries, etc., can be fitted depending upon the application
- Generally used in distillation and extraction processes



Product Code	Capacity ml	Interchangeable Joint Size		HSN Code
		Centre Neck	Side Neck	
4381A16	100	19/26	14/23	70179090
4381B16	100	24/29	14/23	70179090
4381C16	100	24/29	19/26	70179090
4381A21	250	24/29	14/23	70179090
4381B21	250	24/29	19/26	70179090
4381A24	500	24/29	14/23	70179090
4381B24	500	24/29	19/26	70179090
4381A29	1000	24/29	14/23	70179090
4381B29	1000	24/29	19/26	70179090
4381A30	2000	24/29	14/23	70179090
4381B30	2000	24/29	19/26	70179090
4381C30	2000	34/35	19/26	70179090
4381A31	3000	34/35	19/26	70179090
4381B31	3000	34/35	24/29	70179090
4381A33	5000	34/35	19/26	70179090
4381B33	5000	34/35	24/29	70179090
4381A38	10000	34/35	24/29	70179090
4381B38	10000	55/44	24/29	70179090
4381A40	20000	55/44	24/29	70179090

Quantity :- Standard Packing per Cartoon.



4382 - ROUND BOTTOM FLASK 2 Necks, Parallel

- With Interchangeable Joints
- Both the necks are vertical. One neck is centred, while the other is the side neck
- Uniform wall thickness distribution and the round-bottom shape make them ideal for heating
- The shape facilitates uniform heating
- Accessories, thermometer, column, dropping funnels, boiling capillaries, etc., can be fitted depending upon the application
- Generally used in distillation and extraction processes



Product Code	Capacity ml	Interchangeable Joint Size		HSN Code
		Centre Neck	Side Neck	
4382A16	100	19/26	14/23	70179090
4382B16	100	24/29	14/23	70179090
4382C16	100	24/29	19/26	70179090
4382A21	250	24/29	14/23	70179090
4382B21	250	24/29	19/26	70179090
4382A24	500	24/29	14/23	70179090
4382B24	500	24/29	19/26	70179090
4382A29	1000	24/29	14/23	70179090
4382B29	1000	24/29	19/26	70179090
4382A30	2000	24/29	14/23	70179090
4382B30	2000	24/29	19/26	70179090
4382C30	2000	34/35	19/26	70179090
4382A31	3000	34/35	19/26	70179090
4382B31	3000	34/35	24/29	70179090
4382A33	5000	34/35	19/26	70179090
4382B33	5000	34/35	24/29	70179090
4382A38	10000	34/35	24/29	70179090
4382B38	10000	55/44	24/29	70179090
4382A40	20000	55/44	24/29	70179090



Quantity :- Standard Packing per Carton.

4383 - ROUND BOTTOM FLASK 3 Necks, Angular

- With Interchangeable Joints
- The centred neck is vertical. The two side necks are 180° apart and are inclined at an angle of 20° to the vertical neck
- Uniform wall thickness distribution and round-bottom shape make them ideal for heating
- The shape facilitates uniform heating
- Accessories, thermometer, column, dropping funnels, boiling capillaries, etc. can be fitted depending upon the application
- Generally used in distillation and extraction processes



Product Code	Capacity ml	Interchangeable Joint Size			HSN Code
		Centre Neck	Side Neck	Side Neck	
4383A16	100	19/26	14/23	14/23	70179090
4383B16	100	14/23	14/23	14/23	70179090
4383C16	100	24/29	14/23	14/23	70179090
4383D16	100	24/29	19/26	19/26	70179090
4383A21	250	19/26	14/23	14/23	70179090
4383B21	250	19/26	19/26	19/26	70179090
4383C21	250	24/29	14/23	14/23	70179090
4383D21	250	24/29	19/26	19/26	70179090
4383A24	500	19/26	14/23	14/23	70179090
4383B24	500	19/26	19/26	19/26	70179090
4383C24	500	24/29	14/23	14/23	70179090
4383D24	500	24/29	19/26	19/26	70179090
4383A29	1000	24/29	14/23	14/23	70179090
4383B29	1000	24/29	19/26	19/26	70179090
4383C29	1000	34/35	24/29	24/29	70179090
4383D29	1000	34/35	19/26	19/26	70179090
4383A30	2000	34/35	14/23	14/23	70179090
4383B30	2000	34/35	19/26	19/26	70179090
4383C30	2000	34/35	19/26	19/26	70179090
4383D30	2000	34/35	24/29	24/29	70179090
4383A31	3000	34/35	19/26	19/26	70179090
4383B31	3000	34/35	24/29	24/29	70179090
4383A33	5000	34/35	19/26	19/26	70179090
4383B33	5000	34/35	24/29	24/29	70179090
4383C33	5000	45/40	24/29	24/29	70179090
4383A38	10000	34/35	19/26	19/26	70179090
4383B38	10000	34/35	24/29	24/29	70179090
4383C38	10000	45/40	24/29	24/29	70179090
4383A40	20000	55/44	24/29	24/29	70179090

Quantity :- Standard Packing per Cartoon.

SIN



4384 - ROUND BOTTOM FLASK

2 Necks, Parallel

- With Interchangeable Joints
- All the three necks are vertical. The two side necks are 180° apart
- Uniform wall thickness distribution and round-bottom shape make them ideal for heating
- The shape facilitates uniform heating
- Accessories, thermometer, column, dropping funnels, boiling capillaries, etc. can be fitted depending upon the application
- Generally used in distillation and extraction processes

Product Code	Capacity ml	Interchangeable Joint Size			HSN Code
		Centre Neck	Side Neck	Side Neck	
4384A16	100	19/26	14/23	14/23	70179090
4384B16	100	14/23	14/23	14/23	70179090
4384C16	100	24/29	14/23	14/23	70179090
4384D16	100	24/29	19/26	19/26	70179090
4384A21	250	19/26	14/23	14/23	70179090
4384B21	250	19/26	19/26	19/26	70179090
4384C21	250	24/29	14/23	14/23	70179090
4384D21	250	24/29	19/26	19/26	70179090
4384A24	500	19/26	14/23	14/23	70179090
4384B24	500	19/26	19/26	19/26	70179090
4384C24	500	24/29	14/23	14/23	70179090
4384D24	500	24/29	19/26	19/26	70179090
4384A29	1000	24/29	14/23	14/23	70179090
4384B29	1000	24/29	19/26	19/26	70179090
4384C29	1000	34/35	24/29	24/29	70179090
4384D29	1000	34/35	19/26	19/26	70179090
4384A30	2000	34/35	14/23	14/23	70179090
4384B30	2000	34/35	19/26	19/26	70179090
4384C30	2000	34/35	19/26	19/26	70179090
4384D30	2000	34/35	24/29	24/29	70179090
4384A31	3000	34/35	19/26	19/26	70179090
4384B31	3000	34/35	24/29	24/29	70179090
4384A33	5000	34/35	19/26	19/26	70179090
4384B33	5000	34/35	24/29	24/29	70179090
4384C33	5000	45/40	24/29	24/29	70179090
4384A38	10000	34/35	19/26	19/26	70179090
4384B38	10000	34/35	24/29	24/29	70179090
4384C38	10000	45/40	24/29	24/29	70179090
4384A40	20000	55/44	24/29	24/29	70179090



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4385 - ROUND BOTTOM FLASK 4 Necks, Angular

- With Interchangeable Joints
- The centred neck is vertical. All the three side necks are inclined at an angle of 20° to the vertical neck
- The two side necks are 180° apart, and a third side neck is at 90° from the other two necks
- Uniform wall thickness distribution and round-bottom shape make them ideal for heating
- The shape facilitates uniform heating
- Accessories, thermometer, column, dropping funnels, boiling capillaries, etc. can be fitted depending upon the application
- Generally used in distillation and extraction processes



Product Code	Capacity ml	Interchangeable Joint Size		HSN Code
		Centre Neck	Side Neck	
4385A12	50	24/29	24/29	70179090
4385A16	100	24/29	14/23	70179090
4385B16	100	24/29	19/26	70179090
4385A21	250	24/29	14/23	70179090
4385B21	250	24/29	19/26	70179090
4385A24	500	24/29	14/23	70179090
4385B24	500	24/29	19/26	70179090
4385C24	500	24/29	24/29	70179090
4385D24	500	34/35	24/29	70179090
4385A29	1000	24/29	14/23	70179090
4385B29	1000	24/29	19/26	70179090
4385C29	1000	24/29	24/29	70179090
4385D29	1000	34/35	24/29	70179090
4385A30	2000	24/29	14/23	70179090
4385B30	2000	24/29	19/26	70179090
4385C30	2000	34/35	19/26	70179090
4385D30	2000	34/35	24/29	70179090
4385A31	3000	34/35	19/26	70179090
4385B31	3000	34/35	24/29	70179090
4385A33	5000	34/35	19/26	70179090
4385B33	5000	34/35	24/29	70179090
4385A38	10000	55/44	24/29	70179090
4385B38	10L	34/35	24/29	70179090
4385A40	20000	55/44	24/29	70179090

Quantity :- Standard Packing per Cartoon.

SINCE 1966



4386 - ROUND BOTTOM FLASK

4 Necks, Parallel

- With Interchangeable Joints
- All the four necks are vertical. The two side necks are 180° apart and the third neck is at 90° from the other two necks
- Four Necks, Centre Neck and Three Parallel Side Neck, with Interchangeable Joints
- Uniform wall thickness distribution and the round-bottom shape make them ideal for heating
- The shape facilitates uniform heating
- Accessories, thermometer, column, dropping funnels, boiling capillaries, etc. can be fitted depending upon the application
- Generally used in distillation and extraction processes

Product Code	Capacity ml	Interchangeable Joint Size		HSN Code
		Centre Neck	Side Neck	
4386A12	50	24/29	24/29	70179090
4386A16	100	24/29	14/23	70179090
4386B16	100	24/29	19/26	70179090
4386A21	250	24/29	14/23	70179090
4386B21	250	24/29	19/26	70179090
4386A24	500	24/29	14/23	70179090
4386B24	500	24/29	19/26	70179090
4386C24	500	24/29	24/29	70179090
4386D24	500	34/35	24/29	70179090
4386A29	1000	24/29	14/23	70179090
4386B29	1000	24/29	19/26	70179090
4386C29	1000	24/29	24/29	70179090
4386D29	1000	34/35	24/29	70179090
4386A30	2000	24/29	14/23	70179090
4386B30	2000	24/29	19/26	70179090
4386C30	2000	34/35	19/26	70179090
4386D30	2000	34/35	24/29	70179090
4386A31	3000	34/35	19/26	70179090
4386B31	3000	34/35	24/29	70179090
4386A33	5000	34/35	19/26	70179090
4386B33	5000	34/35	24/29	70179090
4386A38	10000	55/44	24/29	70179090
4386B38	10L	34/35	24/29	70179090
4386A40	20000	55/44	24/29	70179090

Quantity :- Standard Packing per Cartoon.

4422 - CULTURE FLASK

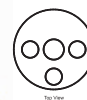
Haffkine

- Complies with IS 7183
- The large, flat bottom surface ensures uniform culture growth
- Typically used for the preparation of culture in nutrient media

Product Code	Capacity ml	Approx O.D x Height mm	HSN Code
4422031	3000*	245 x 280	70179090
4422032	4000	246 x 310	70179090

Quantity :- Standard Packing per Cartoon.

* 3000 ml not covered in standards



FLASKS



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SUPER MARKET FOR LAB ITEMS



4620 - DISTILLING FLASK With Side Arm

- Complies with IS 2620
- Uniform wall thickness distribution makes these Flasks ideal for heating
- Suitable for distillation process

Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck O.D. mm	HSN Code
4620016	100	65x210	22	70179090
4620017	*125	69x215	22	70179090
4620021	250	87x230	25	70179090
4620024	500	110x250	28	70179090
4620029	1000	138x305	34	70179090

Quantity :- Standard Packing per Cartoon.

* Specification as per the institute of petroleum Standard No. IP 123/64



4621 - DISTILLING FLASK With I/C Joint

- Distilling with I/C joint 19/26 as per ASTM D86

Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck O.D. mm	Interchangeable Joint	HSN Code
4621017	125	69x218	19	19/26	70179090

Quantity :- Standard Packing per Cartoon.



4980 - ERLENMEYER (CONICAL) FLASK Narrow Mouth, With Rim

- Complies with IS 1381 (Part I), DIN / ISO 1773
- Uniform wall thickness distribution makes these flasks ideal for heating
- The conical form makes them suitable for mixing liquids
- The easy-to-read scale and large labelling field facilitate easy marking
- Graduated from 25 ml to 5000 ml

Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck O.D. mm	HSN Code
4980006	10*	37x60	15	70179090
4980009	25	42x75	22	70179090
4980012	50	51x90	22	70179090
4980016	100	64x105	22	70179090
4980017	125*	66x110	28	70179090
4980018	150*	72x124	28	70179090
4980021	250	85x145	34	70179090
4980024	500	105x180	34	70179090
4980029	1000	131x220	42	70179090
4980030	2000	166x280	52	70179090
4980031	3000	187x310	50	70179090
4980033	5000	220x365	50	70179090

Quantity :- Standard Packing per Cartoon.

25 ml to 5000 ml Graduated

* Not covered in standards



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SUPER MARKET FOR LAB ITEMS

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4981 - ERLLENMEYER (CONICAL) FLASK

Long Neck Without Rim

- Complies with IS 1381 (Part I), DIN / ISO 1773
- Uniform wall thickness distribution makes these flasks ideal for heating
- Long neck designed for cotton plugs and metal caps
- The conical form makes them suitable for mixing liquids
- The easy-to-read scale and large labelling field facilitate easy marking
- Ideal for microbial culture work

Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck O.D. mm	HSN Code
4981021	250	78x154	27	70179090

Quantity :- Standard Packing per Carton.



4982 - ERLLENMEYER (CONICAL) FLASK

Without Amber

- Complies with IS 1381 (Part I), DIN / ISO 1773
- Uniform wall thickness distribution makes these flasks ideal for heating
- The conical form makes them suitable for mixing liquids
- Designed without a rim for use in the shaker machine
- The easy-to-read scale and large labelling field facilitate easy marking
- Graduated from 25 ml to 5000 ml

Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck O.D. mm	HSN Code
4982027	750	114x210	42	70179090

Quantity :- Standard Packing per Carton.

Suitable for culture work, designed for use in shaker machine



4989 - ERLLENMEYER (CONICAL) FLASK

Without Amber

- Complies with IS 1381 (Part I), DIN / ISO 1773
- Uniform wall thickness distribution makes these flasks ideal for heating
- The conical form makes them suitable for mixing liquids
- The easy-to-read scale and large labelling field facilitate easy marking
- Graduated from 25 ml to 5000 ml
- Coloured in Amber to protect light-sensitive material
- The Amber colour is applied only to the external surface to prevent contamination with the testing material

Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck O.D. mm	HSN Code
4989016	100	64x105	22	70179090
4989018	150*	72x124	28	70179090
4989021	250	85x145	34	70179090
4989024	500	105x180	34	70179090
4989029	1000	131x220	42	70179090

Quantity :- Standard Packing per Carton.

Not covered in standards



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Ph.: 93930-01939, 90522-23905, 98480-31317, 93472-45096



ASIAN SCIENTIFIC INSTRUMENTS

SUPER MARKET FOR LAB ITEMS

5000 - ERLLENMEYER (CONICAL) FLASK Narrow Mouth, with I/C Joint

- Complies with IS 1381 (Part II), DIN / ISO 4797
- Equipped with interchangeable joints
- Uniform wall thickness distribution makes these flasks ideal for heating
- The conical form makes them suitable for mixing of liquids
- The easy-to-read scale and large labelling field facilitate easy marking



Product Code	Capacity ml	interchangeable Joint	HSN Code
5000009	25	14/23	70179090
5000012		19/26	70179090
5000016	100	24/29	70179090
5000021	250	24/29	70179090
5000024	500	24/29	70179090

Quantity :- Standard Packing per Cartoon.

5015 -TILT MEASURE Narrow Mouth, with I/C Joint

- Ideal for dispensing fixed volume of liquid
- Easy to use
- Tilt the unit backward to fill
- Tilt the unit forward to dispense
- Accuracy + 5% can be achieved



Product Code	Capacity ml	Flask Capacity ml	HSN Code
5015009	5	100	70179090
5015012	10	250	70179090
5015016	20	250	70179090
5015021	25	250	70179090
5015024	50	250	70179090

Quantity :- Standard Packing per Cartoon.

5019 -ERLENMEYER (CONICAL) FLASK Narrow Mouth, with I/C Joint & Glass Stopper,

- Complies with IS 1381 (Part II), DIN / ISO 4797
- Equipped with interchangeable joints
- These flasks can be closed with a glass stopper
- Uniform wall thickness distribution makes these flasks ideal for heating
- While heating stopper should be removed
- The conical form makes them suitable for mixing liquids
- Coloured in Amber to protect light-sensitive material
- The Amber colour is applied only to the external surface to prevent contamination with the testing material



Product Code	Capacity ml	Flask Capacity ml	HSN Code
5019009	25	14/23	70179090
5019012	50	19/23	70179090
5019016	100	24/29	70179090
5019021	250	24/29	70179090
5019024	500	24/29	70179090

Quantity :- Standard Packing per Cartoon.



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SUPER MARKET FOR LAB ITEMS

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5020 - ERLLENMEYER (CONICAL) FLASK

Narrow Mouth, With I/C Joint & Glass Stopper

- Equipped with interchangeable joints
- These flasks can be closed with a glass stopper
- The conical form makes them suitable for mixing of liquid
- While heating stopper should be removed

Product Code	Capacity ml	interchangeable Joint	HSN Code
5020009	25	14/23	70179090
5020012	50	19/26	70179090
5020016	100	24/29	70179090
5020021	250	24/29	70179090
5020024	500	24/29	70179090
5020029	1000	29/32	70179090
5020030	2000	29/32	70179090



Quantity :- Standard Packing per Cartoon.

5021 - ERLLENMEYER (CONICAL) FLASK

With Screw Cap

- Supplied with PP screw cap autoclavable at 121°C
- The conical form makes them suitable for mixing of liquids

Product Code	Capacity ml	Neck Specification	HSN Code
5021016	100	GL 25	70179090
5021018	150	GL 25	70179090
5021021	250	GL 45	70179090
5021024	500	GL 45	70179090
5021029	1000	GL 45	70179090
5021030	2000	GL 45	70179090
5021033	5000	GL 45	70179090



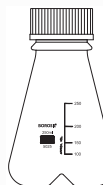
Quantity :- Standard Packing per Cartoon.

5025 - ERLLENMEYER (CONICAL) FLASK

Baffled Bottom, With Screw Cap

- Supplied with screw cap made of polypropylene, autoclavable at 121°C
- Exhibits four baffled indents to provide consistent agitation and optimum aeration
- Optimum clarity for making critical observations
- Chemically inert and resistance to sodium leaching does not cause any pH changes in the liquid it is holdin
- Ideal culture vessel for microbial culture preparations, enzymatic dissociation of tissues, culturing of suspension cells for biopharma applications, plant cell culturing

Product Code	Capacity ml	Neck Specification	HSN Code
5025021	250	GL 45	70179090
5025024	500	GL 45	70179090
5025029	1000	GL 45	70179090
5025030	2000	GL 45	70179090



Quantity :- Standard Packing per Cartoon.

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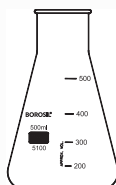
Asian Estate : 4-1-10, Tilak Road Opposite Posnett Bhavan Hyderabad, Telangana-500 001

Ph.: 93930-01939, 90522-23905, 98480-31317, 93472-45096



5100 - ERLLENMEYER (CONICAL) FLASK Wide Mouth

- Complies with IS 1381 /ISO 1773
- Uniform wall thickness distribution makes these flasks ideal for heating
- The conical form makes them suitable for mixing of liquids
- The easy-to-read scale and large labelling field facilitate easy marking
- Designed with a wide neck that makes cleaning and filling easier



Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck O.D. mm	HSN Code
5100016	100	64x105	34	70179090
5100021	250	85x142	50	70179090
5100024	500	105x175	50	70179090
5100029	1000	130x220	56	70179090

Quantity :- Standard Packing per Cartoon.

5340 - FILTER FLASK With Glass Tubulation

- These flasks are blown in special moulds
- The shape is designed to impart maximum mechanical strength
- The neck finish is designed for strength and to ensure good stopper fit
- Ideal for use with Bucher Funnel Category No.36060 and Gooch Crucible
- No. 32060 with Sintered Discs that have different porosities



Product Code	Capacity ml	Approx O.D. x Height mm	HSN Code
5340012	50	52x86	70179090
5340016	100	70x105	70179090
5340021	250	85x155	70179090
5340024	500	105x185	70179090
5340029	1000	135x235	70179090
5340030	2000	165x270	70179090
5340033	5000	240x450	70179090
5340038	10000*	236x420	70179090
5340040	20000*	295x538	70179090

Quantity :- Standard Packing per Cartoon.

*These flasks are bottle shaped

5400 - IODINE FLASK With I/C Glass Stopper

- These flasks are made especially for the determination of Iodine value according to the methods of ASTM D-29
- Supplied Interchangeable Stopper
- Large labelling field for easy marking
- The handle of the stopper projects above the liquid seal, facilitating its removal



Product Code	Capacity ml	Interchangeable Joint Size	HSN Code
5400016	100	24/29	70179090
5400021	250	24/29	70179090
5400021	500	24/29	70179090

Quantity :- Standard Packing per Cartoon.





5420 - KJELDAHL FLASK

- Designed with a tooled neck for greater strength and a better stopper fit
- These flasks are specially designed for nitrogen/protein determination as per the Kjeldahl method

Product Code	Capacity ml	Approx O.D. x Height mm	HSN Code
5420006	10	30x180	70179090
5420010	30	40x180	70179090
5420016	100	61x210	70179090
5420022	300	82x298	70179090
5420024	500	103x325	70179090
5420028	800	116x375	70179090

Quantity :- Standard Packing per Cartoon.



5430 - KJELDAHL FLASK With I/C Joint

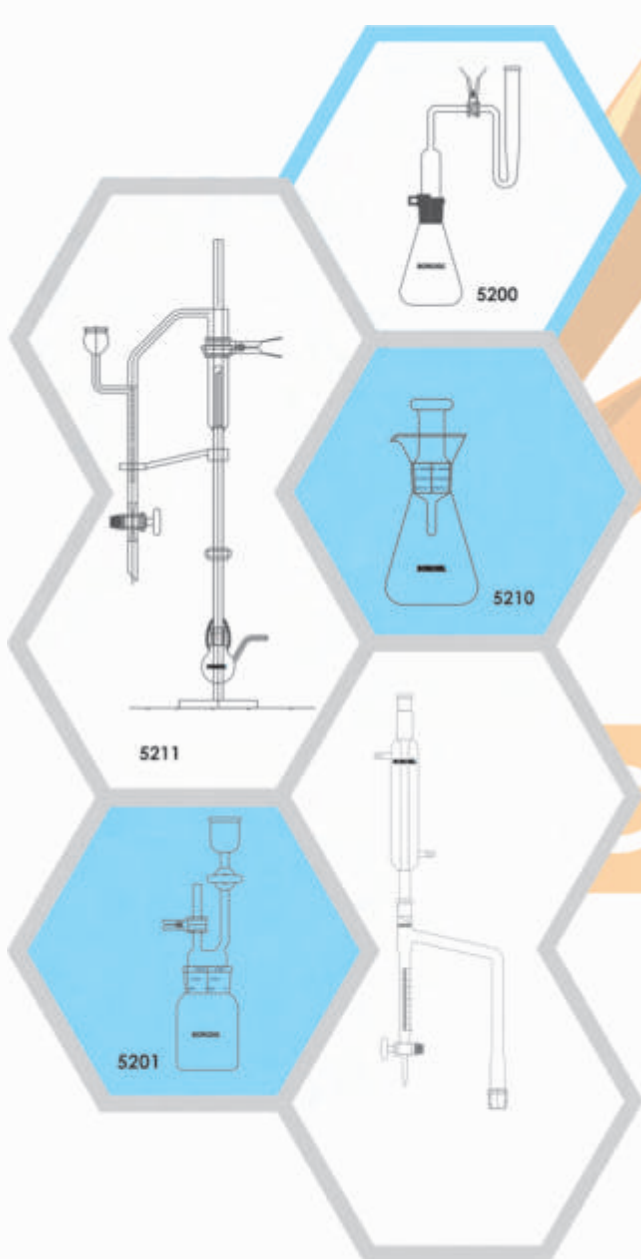
- Designed with a tooled neck for greater strength and better stopper fit
- These flasks are specially designed for nitrogen/protein determination as per Kjeldahl method.
- The flask with 500ml capacity is a part of Ammonia Distilling Apparatus Category No. 3340

Product Code	Capacity ml	Approx O.D. x Height mm	Interchangeable Joint Size	HSN Code
5430024	500	103x325	24/29	70179090
5430028	800	116x375	24/29	70179090

Quantity :- Standard Packing per Cartoon.



Glass Appartus as per Pharmacopoeia



**Arsenic
Apparatus**

**Methoxy
Apparatus**

**Sodium Alginate
Apparatus**

**Oxygen Combustion
Flask**

**Sulphur Dioxide
Assembly**

**Dean & Stark
Apparatus**

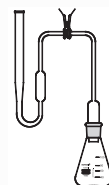


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5200 - ARSENIC DETERMINATION APPARATUS AS PER USP

- Designed with a tooled neck for greater strength and a better stopper fit
- These flasks are specially designed for nitrogen/protein determination as per the Kjeldahl method



Product Code	HSN Code
5200001	70179090

Quantity :- Standard Packing per Cartoon.

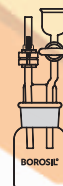
Spares parts available on request

5201 - ARSENIC DETERMINATION APPARATUS GUTZEIT

Product Code	HSN Code
5201001	70179090

Quantity :- Standard Packing per Cartoon.

Spares parts available on request



5202 - ARSENIC DETERMINATION APPARATUS AS PER BP

Product Code	HSN Code
5202001	70179090

Quantity :- Standard Packing per Cartoon.

Spares parts available on request



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5203 - ARSENIC DETERMINATION APPARATUS AS PER IP

Product Code	HSN Code
5203001	70179090

Quantity :- Standard Packing per Cartoon.

Spares parts available on request

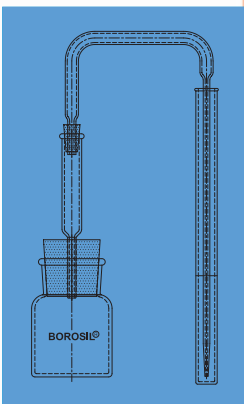


5204 - ARSENIC DETERMINATION APPARATUS AS PER IS

Product Code	HSN Code
5204001	70179090

Quantity :- Standard Packing per Cartoon.

Spares parts available on request



5205 - ARSENIC DETERMINATION APPARATUS AS PER JP

Product Code	HSN Code
5205001	70179090

Quantity :- Standard Packing per Cartoon.

Spares parts available on request

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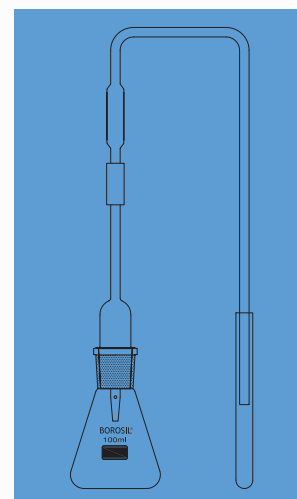
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5206 - ARSENIC DETERMINATION APPARATUS AS PER EP

Product Code	HSN Code
5206001	70179090

Quantity :- Standard Packing per Cartoon.
Spares parts available on request

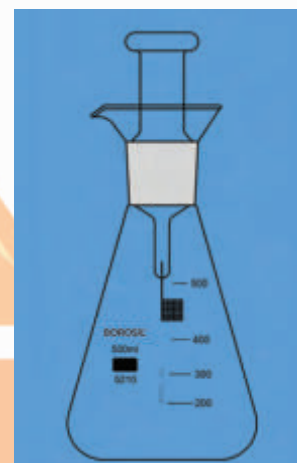


5210 - OXYGEN COMBUSTION FLASK AS PER USP

- Complies to ASTM E205 - 96
- Used for the determination of bromine, chlorine, iodine and sulphur

Product Code	Capacity ml	HSN Code
5210022	300	70179090
5210024	500	70179090

Quantity :- Standard Packing per Cartoon.
Spares parts available on request



5211 - METHOXY DETERMINATION ASSEMBLY AS PER USP

Product Code	HSN Code
5206024	70179090

Quantity :- Standard Packing per Cartoon.
Spares parts available on request

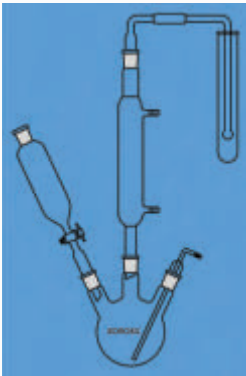


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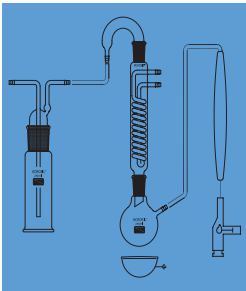
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Ph.: 93930-01939, 90522-23905, 98480-31317, 93472-45096



**5212 - SULPHUR DI-OXIDE ASSEMBLY
AS PER USP**

Product Code	HSN Code
5212024	70179090

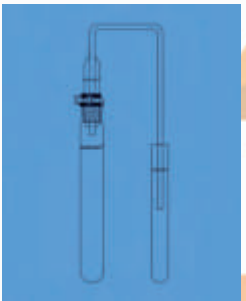
Quantity :- Standard Packing per Cartoon.
Spares parts available on request



**5215 - SODIUM AKGINATE ASSEMBLY
AS PER USP**

Product Code	HSN Code
5215021	70179090

Quantity :- Standard Packing per Cartoon.
Spares parts available on request

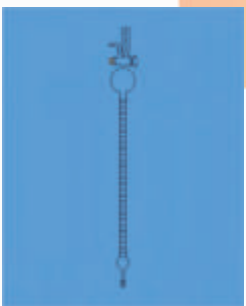


5216 - SODIUM BICARBONATE ASSEMBLY **NEW**

Product Code	HSN Code
5216001	70179090

Quantity :- Standard Packing per Cartoon.
Spares parts available on request

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5217 - LUNGE NITROMETER **NEW**

Product Code	HSN Code
5217001	70179090

Quantity :- Standard Packing per Cartoon.
Spares parts available on request



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- enzymatic dissociation of tissues
- Culturing of suspension cells for biopharma applications
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BOROSIL Scientific offers a complete solution for laboratory filtration applications with BOROPURE range of products.

BOROPURE Glass Filter Assembly is easy to clean and 100% autoclavable and reusable. It is made of 3.3 borosilicate glass with a sintered glass filter which is compatible with most of the organic solvents. All glass filter assembly is an environment friendly and cost effective device for filtration.

BOROPURE Filter membrane is a new offering which is a new offering which includes membrane for applications such as HPLC mobile phase filtration, analysis of particulate or biological contaminants, small volume filtration and sterile filtration of media and buffer.



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BORO PURE Filtration Products

Glass Filtration Assembly

is a comprehensive collection of precision-engineered products designed to revolutionize laboratory filtration. From ground joint to GL 45 universal adapters, this essential range ensures effortless, high quality filtration, meeting the needs of various applications with utmost ease and efficiency.

Made from 3.3 Low Expansion
Borosilicate Glass



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5350 - BORPURE GLASS FILTRATION ASSEMBLY

- Available in two sizes - 47 mm and 90 mm
- Entire assembly consists of:
 1. Glass Funnel - Capacity: 300 ml / 1000 ml
 2. Filter Support Base with sintered glass filter - 47 mm/ 90 mm
 3. Glass Receiver Flask - 500 ml/1000 ml/2000 ml/5000 ml
 4. Aluminium Clamp - 47 mm / 90 mm
- Effective filtration area - 9.6 cm² for 47 mm and 45.5 cm² for 90 mm
- The filter support base design has an integral vacuum connection located above the filtrate drip to prevent contamination of the vacuum line from droplets
- Aluminium spring clamp is anodised for longer life
- Ideal for filtration of HPLC solvents and aqueous mobile phase solutions and buffers



ASSEMBLY

Product Code	Filter Support Base Size mm	Glass Funnel Capacity ml	Glass Receiver Flask Capacity ml	HSN Code
5350024	47	300 ml	47	70179090
5350029	47	300 ml	47	70179090
5350030	47	300 ml	47	70179090
5350033	90	1000 ml	90	70179090
5350A29	90	1000 ml	90	70179090

Quantity :- Standard Packing per Cartoon.

SPARES OF 47 MM ASSEMBLY

Product Code	Capacity/ Size	Description Code	HSN
5350124	500 ml	Glass Receiver Flask	70179090
5350129	1000 ml	Glass Receiver Flask	70179090
5350130	2000 ml	Glass Receiver Flask	70179090
5350S01	300 ml	Glass Funnel	70179090
5350S02	47 mm	Filter Support Base	70179090
5350S03	47 mm	Aluminium Clamp	70179090

Quantity :- Standard Packing per Cartoon.

SPARES OF 90 MM ASSEMBLY

Product Code	Capacity/ Size	Description Code	HSN
5350133	5000 ml	Glass Receiver Flask	70179090
5350229	1000 ml	Glass Receiver Flask	70179090
5350233	1000 ml	Glass Funnel	70179090
5350333	90mm	Filter Support Base	70179090
5350433	90 mm	Aluminium Clamp	70179090

Quantity :- Standard Packing per Cartoon.



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5360 - BORPURE GLASS FILTRATION ASSEMBLY

With Silicone Stopper, 47 mm



- Entire assembly consists of:
 1. Glass Funnel - Capacity: 300 ml
 2. Filter Support Base with sintered glass filter - 47 mm
 3. Glass Receiver Flask - 1000 ml / 2000 ml
 4. Aluminium Clamp - 47 mm
 5. Silicone stopper: size # 8
- Effective filtration area - 9.6 cm² for 47 mm
- The filter support base design has an integral vacuum connection located above the filtrate drip to prevent contamination of the vacuum line from droplets
- Aluminium spring clamp is anodised for longer life
- The filtration base has a silicon stopper
- Facilitates analysis of particulate or biological contamination of vacuum filtering liquid

ASSEMBLY

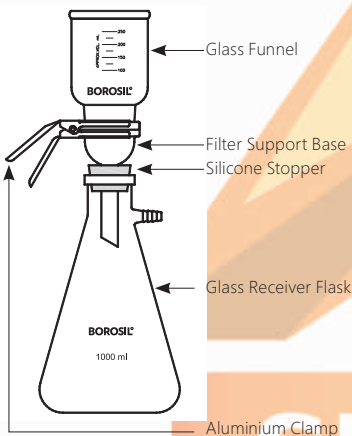
Product Code	Filter Support Base Size mm	Glass Funnel Capacity ml	Glass Receiver Flask Capacity ml	Al Clamp	Si Stopper	HSN Code
5350024	47	300 ml	47	47mm	#8	70179090
5350029	47	300 ml	47	47mm	#8	70179090

Quantity :- Standard Packing per Cartoon.

SPARES OF 47 MM ASSEMBLY

Product Code	Capacity/ Size	Description Code	HSN
5360129	1000 ml	Glass Receiver Flask	70179090
5360130	2000 ml	Glass Receiver Flask	70179090
5360S01	300 ml	Glass Funnel	70179090
5360S02	47mm	Filter Support Base	70179090
5360S03	47mm	Aluminium Clamp	70179090
5360S05	#8	Silicone Stopper,MOQ- Pack of 10 nos.	70179090

Quantity :- Standard Packing per Cartoon.



NEW

Filtration of solvents?

Without the hassle of refilling the funnel ...

Try our new
Glass Filtration Adapter



Product Code	Description	Size mm	Case Lot Nos
MISC530	Universal Filtration Adapter, Glass	47	5

Compatible with all glass filtration assembly: 5350, 5360, 5380 and 5385



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5370 - BORPURE GLASS MICROFILTRATION ASSEMBLY With Silicone Stopper, 25mm

- Entire assembly consists of:
 - Glass Funnel - Capacity: 15 ml
 - Filter Support Base with sintered glass filter - 25 mm
 - Glass Receiver Flask - 125 ml
 - Aluminium Clamp - 25 mm
 - Silicone stopper: size #5
- Effective filtration area - 2.2 cm² for 25 mm
- The filter support base design has an integral vacuum connection located above the filtrate drip to prevent contamination of the vacuum line from droplets
- Aluminium spring clamp is anodised for longer life
- The filtration base has a silicon stopper
- Ideal for small volume vacuum filtration for biological analysis or particulate contamination analysis.



ASSEMBLY

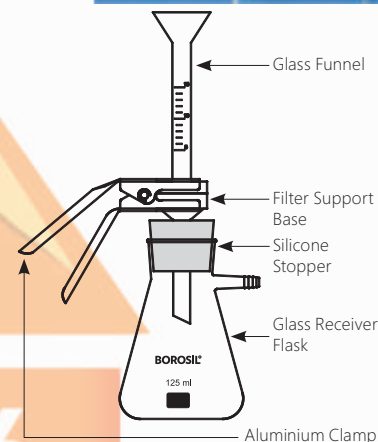
Product Code	Filter Support Base Size mm	Glass Funnel Capacity ml	Glass Receiver Flask Capacity ml	Al Clamp	Si Stopper	HSN Code
5370017	25	15 ml	125	25mm	#5	70179090

Quantity :- Standard Packing per Cartoon.

SPARES OF 25 MM ASSEMBLY

Product Code	Capacity/Size	Description Code	HSN
5350133	125 ml	Glass Receiver Flask	70179090
5350229	15 ml	Glass Funnel	70179090
5350233	25 mm	Filter Support Base	70179090
5350333	25 mm	Aluminium Clamp	70179090
5350433	#5	Silicone Stopper, MOQ - Pack of 10 nos	70179090

Quantity :- Standard Packing per Cartoon.



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Looking for Continuous Filtration of solvents?

Without the hassle of refilling the funnel ...

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Glass Filtration Adapter



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5380 - BORPURE GLASS FILTRATION ASSEMBLY

With Bottle, 47 mm



- Entire assembly consists of:
 1. Glass Funnel - Capacity: 300 ml / 1000 ml
 2. Filter Support Base with sintered glass filter - 47 mm / 90 mm
 3. Glass Bottle with PP Screw cap - 1000 ml / 2000 ml / 5000 ml
 4. Aluminium Clamp - 47 mm / 90 mm
- Effective filtration area - 9.6 cm² for 47 mm and 45.5 cm² for 90 mm
- The filter support base design has an integral vacuum connection located above the filtrate drip to prevent contamination of the vacuum line from droplets
- Aluminium spring clamp is anodised for longer life
- The final filtrate will be collected directly in a screw cap bottle and there is no need to transfer the filtrate again into a new container for storage
- Ideal for filtration of HPLC solvents and aqueous mobile phase solutions, sterile filtration of media and buffers

ASSEMBLY

Product Code	Filter Support Base Size mm	Glass Funnel Capacity ml	Glass Receiver Flask Capacity ml	AI Clamp	HSN Code
5380029	47	300ml	1000	47	70179090
5380030	47	300ml	2000	47	70179090
5380033	90	1000ml	5000	90	70179090

Quantity :- Standard Packing per Cartoon.

SPARES OF 47 MM ASSEMBLY

Product Code	Capacity/ Size	Description Code	HSN
5380129	1000 ml	Glass Receiver Flask	70179090
5380130	2000 ml	Glass Receiver Flask	70179090
5350S01	300 ml	Glass Funnel	70179090
5380S02	47mm	Filter Support Base	70179090
5380S03	47mm	Aluminium Clamp	70179090

Quantity :- Standard Packing per Cartoon.



5385 - BORPURE GLASS FILTRATION ASSEMBLY With GL 45 Universal Adapter, 47mm

- The universal adaptor will connect directly to GL 45 bottle
- The final filtrate will be collected directly in a screw cap bottle and there is no need to transfer the filtrate again into a new container for storage
- Entire assembly consists of:
 1. Glass Funnel - Capacity: 300 ml / 1000 ml
 2. Filter Support Base with sintered glass filter - 47 mm
 3. GL 45 Filtration Adaptor
 4. Glass Bottle with PP Screw cap - 1000 ml / 2000 ml
 5. Aluminium Clamp - 47 mm
 6. Effective filtration area - 9.6 cm² for 47 mm
- The GL 45 universal adapter is made of polypropylene and has a vacuum connection and GL 45 threads
- Aluminium spring clamp is anodised for longer life
- Ideal for filtration of HPLC solvents and aqueous mobile phase solutions, sterile filtration of media and buffers

ASSEMBLY

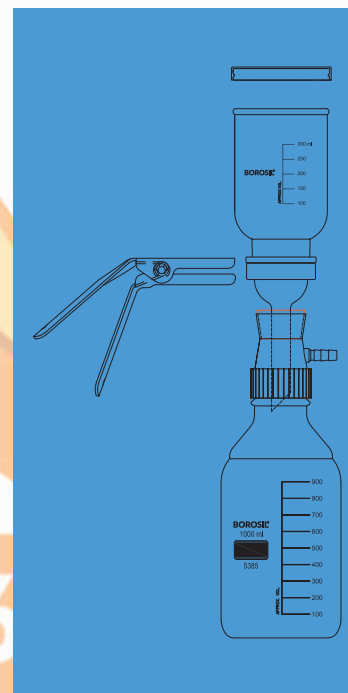
Product Code	Filter Support Base Size mm	Glass Funnel Capacity ml	Glass Bottle ml	AI Clamp	HSN Code
5380029	47	300ml	1000	47	70179090
5380030	47	300ml	2000	47	70179090

Quantity :- Standard Packing per Cartoon.

SPARES OF 47 MM ASSEMBLY

Product Code	Capacity/ Size	Description Code	HSN
1501029	1000 ml	Glass Receiver Flask	70179090
1501030	2000 ml	Glass Receiver Flask	70179090
5350S01	300 ml	Glass Funnel	70179090
5360S02	47mm	Filter Support Base	70179090
5350S03	47mm	Aluminium Clamp	70179090
5385S01	GL 45	GL 45 Filtration Adapter	70179090

Quantity :- Standard Packing per Cartoon.





SS Filter Assembly
With Inbuilt Clamp



SS Filter Assembly
With External Clamp



SS Filter Assembly
Spin Lock Type
(No clamp required)

BORO PURE Filtration Products

Stainless Steel Filtration Assembly

Sturdy and easy to clean SS Filtration assembly for laboratory applications like filtration of HPLC solvents, media, buffers and for microbiological analysis.

The Stainless Steel category offers a range of robust filtration solution designed for durability and efficiency. Explore Vacuum Filtration Assemblies and other sturdy products, carefully crafted to redefine your filtration experience., With compatibility for various applications and exceptional reliability, our Stainless Steel collection ensures superior filtration results you can rely on.



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5330 - BORPURE SS FILTER FUNNEL

With Inbuilt Clamp, 47mm

- Made of SS 316
- Entire Assembly consists of:
 1. SS Funnel : 300ml / 500ml / 1L with inbuilt Clamp
 2. SS Filter Support Base
 3. SS Support Screen: 47mm, made of SS 316L
 4. Silicone Stopper: Size #8 for 300 ml & 500 ml funnel, #10 for 1L funnel
 5. Silicone Lid
 6. Silicone O ring

Product Code	Description	Funnel Capacity ml	Filter Support base diameter	Filtration Area Cm square	HSN Code
5330022	SS Filter assembly clamp 300ml	300	47	9.6	84219900
5330024	SS Filter inbuilt Clamp, 500ml	500	47	9.6	84219900
5330029	SS Filter assembly, 1000 inbuilt Clamp, 1000ml	1000	47	9.6	84219900

Quantity :- Standard Packing per Cartoon.

5331 - BORPURE SS FILTER FUNNEL

With External Clamp, 47mm

- Made of SS 316
- Entire Assembly consists of:
 1. SS Funnel : 300ml / 500ml / 1L with external Clamp
 2. SS Filter Support Base
 3. SS Support Screen: 47mm, made of SS 316L
 4. Silicone Stopper: Size #8 for 300 ml & 500 ml funnel, #10 for 1L funnel
 5. Aluminum Clamp: 47mm
 6. Silicone Lid

Product Code	Description	Funnel Capacity ml	Filter Support base diameter	Filtration Area Cm square	HSN Code
5331022	SS Filter assembly clamp 300ml	300	47	9.6	84219900
5331024	SS Filter inbuilt Clamp, 500ml	500	47	9.6	84219900
5331029	SS Filter assembly, 1000 inbuilt Clamp, 1000ml	1000	47	9.6	84219900

Quantity :- Standard Packing per Cartoon.



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5332 - BORPURE SS FILTER FUNNEL

With Spin - Lock type, 47mm



Membrane not included with funnel



- Made of SS 316
- Entire Assembly consists of:
 1. SS Funnel : 300ml / 500ml / 1L With Spin-lock mechanism
 2. SS Filter Support Base
 3. SS Support Screen: 47mm, made of SS 316L
 4. Silicone Stopper: Size #8 for 300 ml & 500 ml funnel, #10 for 1L funnel
 5. Silicone Lid

Product Code	Description	Funnel Capacity ml	Filter Support base diameter	Filtration Area Cm square	HSN Code
5332022	SS Filter assembly Spin lock type 300ml	300	47	9.6	84219900
5332024	SS Filter assembly Spin lock type 500ml	500	47	9.6	84219900
5332029	SS Filter assembly, 1000 Spin lock type 1000ml	1000	47	9.6	84219900

Quantity :- Standard Packing per Cartoon.

5333 - BORPURE SS VACUUM FILTRATION MANIFOLD

- Made of SS 316
- Valves made of PTFE
- Connection: 12mm
- Suitable for PP and Stainless Steel funnels with rubber stopper fittings

SPARES OF 47 MM ASSEMBLY

Product Code	Description	Stages	HSN Code
5333003	3 Place SS Filtration manifold	3	84219900
5333006	6 Places SS Filtration manifold	6	84219900

Quantity :- Standard Packing per Cartoon.



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5334 - BOROPURE VACUUM FILTRATION PUMP

- Suitable for use with SS Manifold (5333)
- Oil-free diaphragm based pump
- Compact pump with high flow rate
- Material in contact with the liquid: Silicon, PTFE, SS316L (Connector) and Body Mild steel Powder Coated
- Dimensions: 18x18x12 cm
- Weight: 2.8kg
- Tubing connection: 8mm hose
- Vacuum: 300 mbar, can achieve maximum trans-membrane pressure of 400 mbar and flow rate 5 L/min
- Motor Power: 60w
- Noise: 45db
- Product includes:
- Main unit, Power Adaptor 2.5amp, 230 VAC, Power cord and 3x3 meter silicon tubing



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Product Code	Description	HSN Code
5334001	Vacuum Filtration Pump	84219900

Quantity :- Standard Packing per Cartoon.

5334 - BOROPURE VACUUM FILTRATION PUMP

- Flow rate: 4.5L/min
- Motor Power: 60w 24VDC
- Tubing connection: 8mm hose
- Material in contact with liquid filtered: Silicon, PTFE, SS 316L
- Compatible with SS, disposable and reusable funnels with suitable adapter

Product Code	Description	No of Branches	Dimensions (LxWxH)cm	Weight	HSN Code
5335001	1 place filtration manifold assembly with inbuilt pump	1	8x8x6	2	84219900
5335003	3 place filtration manifold assembly with inbuilt pump	3	40x18x15	6	84219900
5335006	6 place filtration manifold assembly with inbuilt pump	6	32x6x6	13	84219900

Adapters for Filtration Assembly

Product Code	Description	HSN Code
5335ARF	Adapter C1 (for reusable PP funnel)	84219900
5335ARB	Adapter C2 (for rubber stopper filter holder)	84219900
5335ADF	Adapter C3 (for disposable sterile funnel)	84219900
5335AST	Adapter C4 (for silicon tube)	84219900

Quantity :- Standard Packing per Cartoon.



5335ARF



5335ADF

BORO PURE Filtration Products

Membrane Filters

BORO PURE Membrane filters are used for applications such as HPLC Mobile phase filtration, analysis of particulate or biological contaminants, small volume filtration of media and buffers.



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5147- BOROPURE CELLULOSE NITRATE MEMBRANE

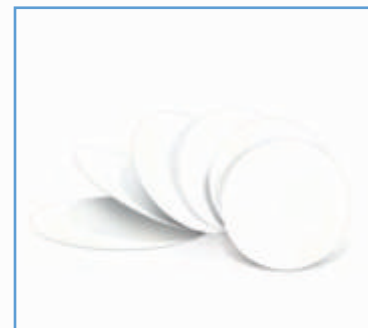
- Hydrophilic in nature and biologically inert
- High retention and high flow rate
- Available in two pore sizes - 0.22 micron and 0.45 micron
- Autoclavable at 121°C for 30 mins for sterilization
- Recommended for applications like clarification and sterilization of media, reagents and buffers, sterility testing, water testing, product and water microbiology

Tested for : Membrane integrity, Flow rate, Membrane thickness, Heat stability and Microbial Challenge Test

Product Code	Description	Pore Size μ m	Diameter mm	Case lot	HSN Code
514722N	Cellulose Nitrate membrane, Non-sterile	0.22	47	5	39121140
514745N	Cellulose Nitrate membrane, Non-sterile	0.45	47	5	39121140

Quantity :- Standard Packing per Cartoon.

* Sterile membranes available on Request.



5247- BOROPURE GRIDDED CELLULOSE NITRATE MEMBRANE

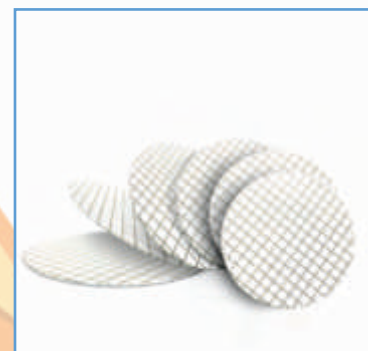
- Hydrophilic in nature and biologically inert
- High retention and high flow rate
- White membrane with black grids which make the colony counting easier
- Grids do not inhibit the growth of microorganisms
- Available in two pore sizes - 0.22 micron and 0.45 micron
- Autoclavable at 121°C for 30 mins for sterilization
- Recommended for applications like water testing, product and water microbiology

Tested for : Membrane integrity, Flow rate, Membrane thickness, Heat stability, Microbial Challenge Test and Growth Inhibition

Product Code	Description	Pore Size μ m	Diameter mm	Case lot	HSN Code
524722N	Gridded Cellulose Nitrate membrane, Non-sterile	0.22	47	5	39121140
524745N	Gridded Cellulose Nitrate membrane, Non-sterile	0.22	47	5	39121140
524722SE	Gridded Cellulose Nitrate membrane, ETO sterilized	0.22	47	5	39121140
534745SE	Gridded Cellulose Nitrate membrane, ETO sterilized	0.45	47	5	39121140

Quantity :- Standard Packing per Cartoon.

* Sterile membranes available on Request.



5247- BOROPURE GRIDDED CELLULOSE NITRATE MEMBRANE

- Hydrophilic in nature and biologically inert
- Wide chemical compatibility and resistant to strong solvents and alcohols
- Available in two pore sizes - 0.22 micron and 0.45 micron
- Autoclavable at 121°C for 30 mins for sterilization
- Recommended for applications like clarification of aqueous and organic HPLC mobile phase solvents, HPLC sample preparations

Tested for : Membrane integrity, Flow rate, Membrane thickness, Heat stability, Fibre/particle release and Extractables

Product Code	Description	Pore Size μ m	Diameter mm	Case lot	HSN Code
534722N	Nylon-66 membrane, Non-sterile	0.22	47	5	39121140
534745N	Nylon-66 membrane, Non-sterile	0.45	47	5	39121140

Quantity :- Standard Packing per Cartoon.

* Sterile membranes available on Request.



For membranes of other diameter and pore sizes, please contact our local sales representative

Volumetric Flask

Volumetric Flasks is a laboratory glassware that is designed to hold a certain volume at a particular temperature and indicates the nominal volume, tolerance, precision class, relevant manufacturing standard etc. **BOROSIL Scientific** Volumetric Flasks are manufactured in a range of sizes that is capable of containing 1ml to 5,000ml of liquid,

it is very important to understand that for analysis which demands high precision, the selection of instruments is very vital. In cases where precision analysis is expected, only high accuracy instruments give the desired results. Most sophisticated automatic instruments can deliver high precision results, only if the volumetric ware used to prepare samples is accurate.

- Individually calibrated with automatic calibration process
- Strict quality control through all steps eliminate possible deviations from nominal volume
- Supplied with individual certificate which can be downloaded from our website
- Volumetric Flasks are supplied with plastic or solid glass stopper





BOROSIL Scientific Volumetric Flasks are designed to give the best combination of thermal shock resistance, physical strength and resistance to chemical attack. They are made to withstand the demands of the modern laboratory and are particularly suitable for all glass apparatus assemblies.

Made from 3.3 Low Expansion Borosilicate Glass



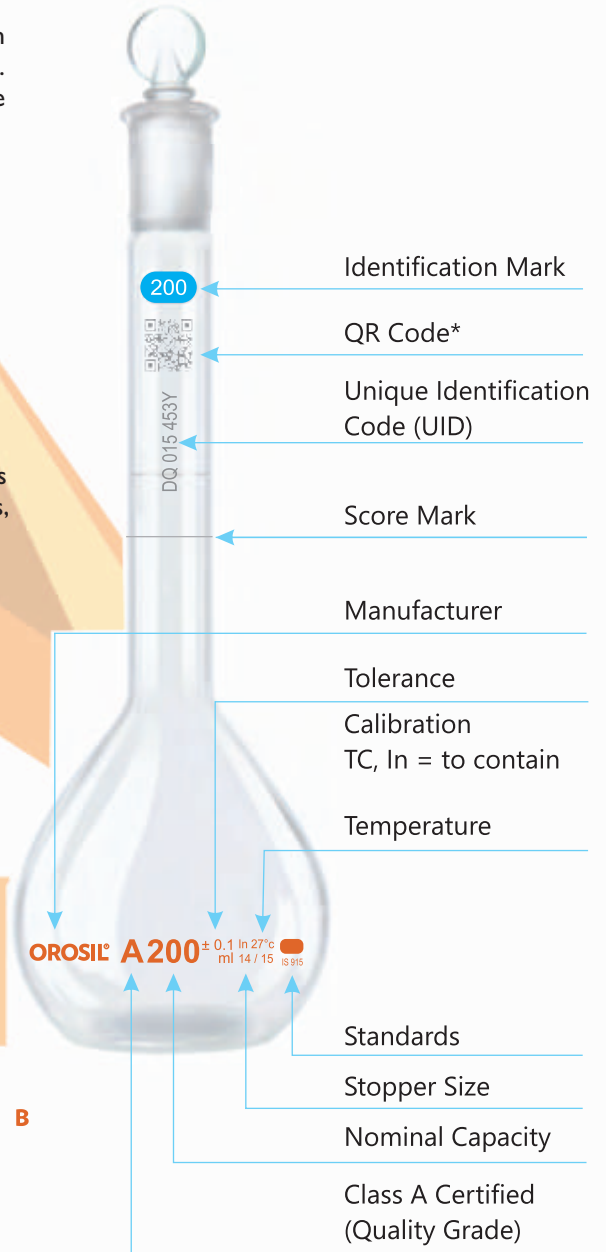
At BOROSIL Scientific we understand that different needs require different solutions. Hence we offer our clients a wide range of flasks, designed to meet their individual requirements, while ensuring optimum quality.

Calibration

- Every Volumetric Flask is calibrated on fully automatic computer controlled calibration machine, eliminating the manual error in reading the meniscus, thereby giving more accurate volume.
- Each Volumetric flask is individually calibrated and is provided with unique identification number (UID) and supplied with individual Certificate

Printing

- All Volumetric flasks are printed with permanent amber colour
- The amber Volumetric flasks are printed with white ceramic enamel
- Printing is done using advanced printing technology and high quality organic enamels and inks to ensure finest printing quality



* QR Code marking provided on request.

VOLUMETRIC FLASKS

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Bothered filing
hard copies
**of calibration
certificates for long years?**



BOROSIL
Scientific
is right here with a solution

PROUDLY MADE IN 
india

QR Coded Volumetric Glassware

For easy certificate download
by simple scanning of glassware

BOROSIL A100 ±0.1 ml



✉ info@asianhyd.com



How to download a Calibration Certificate using QR code ?

Borosil Scientific Mobile Application



- ▶ Download the the Borosil app from Android Playstore / iOS App Store
- ▶ Scan the QR code on the Volumetric Flask through your mobile and follow a few simple steps to download the Certificate

Borosil Scientific Website



- ▶ Logon to www.borosilscientific.com and enter the product certificate portal
- ▶ Scan the QR code on the Volumetric Flask using a 2D or 3D barcode scanner and follow a few simple steps to download the Certificate

Benefits of using QR coded Glassware

Permanent QR code marking with laser technology

QR code encodes the data required for identification and traceability of individual volumetric ware

- Company name
- Product Code and name
- Unique code
- Nominal and certified Volume
- Calibration details



- No more filing of hard copies of calibration certificates for long years
- Download the certificates by simple scanning of glassware and print as and when required
- Easy download of list of scanned glassware in excel format
- Saves time and hassle involved in maintaining the certificates
- Less usage of paper and better for the environment
- Readiness for audit

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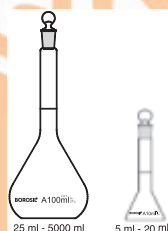
5640 - VOLUMETRIC FLASKS Class A, narrow mouth clear, with Individual Calibration Certificate

- Complies with DIN / ISO 1042, Accuracy as per class A
- Supplied with Interchangeable Solid Glass Stopper
- Each flask is marked with individual serial number and supplied with certificate of calibration traceable to National standards
- Amber enamel inscriptions
- Calibrated & certified at 27°C

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	HSN Code
5640001	1	0.025	7/16	70179010
5640002	2	0.025	7/16	70179010
5640005	5	0.025	10/19#	70179010
5640006	10	0.025	10/19#	70179010
5640008	20	0.04	10/19	70179010
5640009	25	0.04	10/19	70179010
5640012	50	0.06	12/21	70179010
5640016	100	0.10	14/23	70179010
5640020	200	0.15	14/23	70179010
5640021	250	0.15	14/23	70179010
5640024	500	0.25	19/26	70179010
5640029	1000	0.40	24/29	70179010
5640030	2000	0.60	29/32	70179010
5640033	5000	1.20	34/35	70179010

Quantity :- Standard Packing per Carton.

- 1ml to 20ml supplied with trapezoidal shape for better stability
- # Stopper size as per Borosil Scientific Design.



5641 - VOLUMETRIC FLASKS Class B, narrow mouth clear

- Complies with DIN / ISO 1042, Accuracy as per class B
- Supplied with interchangeable glass stopper
- Amber enamel inscriptions
- Calibrated at 27°C

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	HSN Code
5640001	1	0.05	7/16	70179010
5640002	2	0.05	7/16	70179010
5640005	5	0.05	10/19#	70179010
5640006	10	0.05	10/19#	70179010
5640008	20	0.08	10/19	70179010
5640009	25	0.08	10/19	70179010
5640012	50	0.12	12/21	70179010
5640016	100	0.20	14/23	70179010
5640020	200	0.30	14/23	70179010
5640021	250	0.30	14/23	70179010
5640024	500	0.50	19/26	70179010
5640029	1000	0.80	24/29	70179010
5640030	2000	1.20	29/32	70179010
5640033	5000	2.40	34/35	70179010

Quantity :- Standard Packing per Carton.

- 1ml to 20ml supplied with trapezoidal shape for better stability
- # Stopper size as per Borosil Scientific Design.



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5643 - VOLUMETRIC FLASKS Class A, wide mouth clear, with Individual Calibration Certificate

- Complies with DIN / ISO 1042, Accuracy as per class A
- Supplied with Interchangeable Solid Glass Stopper
- Each flask is marked with individual serial number and supplied with certificate of calibration traceable to National standards
- Amber enamel inscriptions
- Specially designed wide mouth for testing bigger diameter tablet without making it in powder form
- Calibrated & certified at 27°C

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	HSN Code
5643005	5	0.04	12/21#	70179010
5643006	10	0.04	12/21#	70179010
5643008	20	0.06	12/21	70179010
5643009	25	0.06	12/21	70179010
5643A09	25*	0.06	14/23#	70179010
5643012	50	0.10	14/23	70179010
5643016	100*	0.10	19/26	70179010
5643020	200*	0.15	19/26	70179010
5643021	250*	0.15	19/26	70179010
5643024	500	0.25	24/29	70179010
5643029	1000	0.60	29/32	70179010

Quantity :- Standard Packing per Cartoon.

- 5ml to 20ml supplied with trapezoidal shape for better stability
- # 5ml & 10ml (#Stopper size as per borosil scientific design)
- * Not covered in standards.



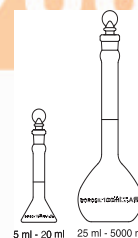
5645 - VOLUMETRIC FLASKS Class A, ASTM, narrow mouth, clear, with Individual calibration certificate, Neck size as per ASTM (Bulgyneck)

- Complies fully with ASTM E 288 standards - For both dimensions as well as tolerance
- Supplied with Interchangeable Solid Glass Stopper
- Each flask is marked with individual serial number and supplied with certificate of calibration traceable to National standards
- Amber enamel inscriptions
- Calibrated & certified at 20°C

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	HSN Code
5645005	5	0.02	9	70179010
5645006	10	0.02	9	70179010
5645008	20	0.03	9	70179010
5645009	25	0.03	9	70179010
5645012	50	0.05	9	70179010
5645016	100	0.08	13	70179010
5645020	200	0.10	16	70179010
5645021	250	0.12	16	70179010
5645024	500	0.20	19	70179010
5645029	1000	0.30	22	70179010
5645030	2000	0.50	27	70179010

Quantity :- Standard Packing per Cartoon.

- 5ml to 20ml supplied with trapezoidal shape for better stability

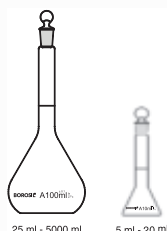


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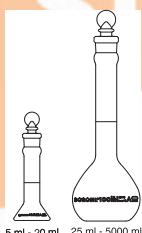
5645D - VOLUMETRIC FLASKS Class A, USP, Narrow mouth, Clear, with Individual calibration certificate, neck size as per ISO(Long Neck)

- Tolerance complies to USP / ASTM E288 standards and dimensions as per ISO 1042 standards
- Supplied with Interchangeable Solid Glass Stopper
- Each flask is marked with individual serial number and supplied with certificate of calibration traceable to National standards
- Amber enamel inscriptions
- Calibrated & certified at 20°C

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	HSN Code
5645005D	5	0.02	10/19#	70179010
5645006D	10	0.02	10/19#	70179010
5645008D	20	0.03	10/19	70179010
5645009D	25	0.03	10/19	70179010
5645012D	50	0.05	12/21	70179010
5645016D	100	0.08	14/23	70179010
5645020D	200	0.10	14/23	70179010
5645021D	250	0.12	14/23	70179010
5645024D	500	0.20	19/26	70179010
5645029D	1000	0.30	24/29	70179010
5645030D	2000	0.50	29/32	70179010

Quantity :- Standard Packing per Carton.

- 5ml to 20ml supplied with trapezoidal shape for better stability
- # 5ml & 10ml stopper size as per borosil scientific design



5645D - VOLUMETRIC FLASKS ASTM, Wide mouth, clear, with individual calibration Certificate, Neck size as per ASTM(Bulgy neck)

- Complies fully with ASTM E 288 standards - For both dimensions as well as tolerance
- Supplied with Interchangeable Solid Glass Stopper
- Each flask is marked with individual serial number and supplied with certificate of calibration traceable to National standards
- Amber enamel inscriptions
- Specially designed wide mouth for testing bigger diameter tablets without making it in powder form
- Calibrated & certified at 20°C

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	HSN Code
5647005	5	0.08	13	70179010
5647006	10	0.08	13	70179010
5647008	20	0.08	13	70179010
5647009	25	0.08	13	70179010
5647012	50	0.08	13	70179010
5647016	100	0.10	16	70179010
5647020	200	0.20	19	70179010
5647021	250	0.20	19	70179010
5647024	500	0.30	22	70179010
5647029	1000	0.40	27	70179010

Quantity :- Standard Packing per Carton.

- 5ml to 20ml supplied with trapezoidal shape for better stability



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5647D - VOLUMETRIC FLASKS Class A, USP, Wide mouth, clear, with Individual Calibration certificate, Neck size as per ISO(Long Neck)

- Tolerance complies to ASTM E288 standards and dimensions as per ISO 1042 standards
- Supplied with Interchangeable Solid Glass Stopper
- Each flask is marked with individual serial number and supplied with certificate of calibration traceable to National standards
- Amber enamel inscriptions
- Specially designed wide mouth for testing bigger diameter tablets without making it in powder form
- Calibrated & certified at 20°C

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	HSN Code
5647005D	5	0.08	12/21#	70179010
5647006D	10	0.08	12/21#	70179010
5647008D	20	0.08	12/21	70179010
5647009D	25	0.08	12/21	70179010
4647012D	50	0.08	14/23	70179010
5647016D	100	0.10	19/26	70179010
5647020D	200	0.20	19/26	70179010
5647021D	250	0.20	19/26	70179010
5647024D	500	0.30	24/29	70179010
5647029D	1000	0.40	29/32	70179010



Quantity :- Standard Packing per Cartoon.

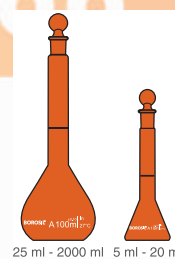
- 5ml to 20ml supplied with trapezoidal shape for better stability
- # Stopper size as per Borosil Scientific Design

5648 - VOLUMETRIC FLASKS

Class A, Narrow Mouth, Amber with individual calibration Certificate

- Complies with DIN / ISO 1042, Accuracy as per class A
- Supplied with Interchangeable Solid Glass Stopper
- Each flask is marked with individual serial number and supplied with certificate of calibration traceable to National standards
- Amber coating on exterior surfaces to facilitate use with light sensitive solutions
- White enamel inscriptions
- Calibrated & certified at 27°C

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	HSN Code
5648005	5	0.025	10/19#	70179010
5648006	10	0.025	10/19#	70179010
5648008	20	0.04	10/19	70179010
5648009	25	0.04	10/19	70179010
4648012	50	0.06	12/21	70179010
5648016	100	0.10	14/23	70179010
5648020	200	0.15	14/23	70179010
5648021	250	0.15	14/23	70179010
5648024	500	0.25	19/26	70179010
5648029	1000	0.40	24/29	70179010
5648030	2000	0.60	29/32	70179010

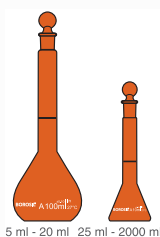


25 ml - 2000 ml 5 ml - 20 ml



Quantity :- Standard Packing per Cartoon.

- 5ml to 20ml supplied with trapezoidal shape for better stability
- # Stopper size as per Borosil Scientific Design



5649 - VOLUMETRIC FLASKS Class B, Narrow Mouth, Amber

- Complies with DIN /ISO 1042, Accuracy as per class B
- Supplied with interchangeable glass stopper
- Amber coating on exterior surfaces to facilitate use with light sensitive solutions
- White enamel inscriptions
- Calibrated at 27°C

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	HSN Code
5649005	5	0.05	10/19#	70179010
5649006	10	0.05	10/19#	70179010
5649008	20	0.08	10/19	70179010
5649009	25	0.08	10/19	70179010
5649012	50	0.12	12/21	70179010
5649016	100	0.20	14/23	70179010
5649020	200	0.30	14/23	70179010
5649021	250	0.30	14/23	70179010
5649024	500	0.50	19/26	70179010
5649029	1000	0.80	24/29	70179010
5649030	2000	1.20	29/32	70179010

Quantity :- Standard Packing per Carton.

- 5ml to 20ml supplied with trapezoidal shape for better stability
- # 5ml & 10ml stopper size Stopper size as per borosil scientific design
- Certified & Calibrated at 27°C



5650 - VOLUMETRIC FLASKS for Sugar Estimation, Clear

- Complies with BS 675
- Supplied without stopper
- A two mark flask designed for the analysis of sugar solutions. The two graduation marks provide dilution of 1 in 10

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	HSN Code
5650016	100/100	0.15	20	70179010

Quantity :- Standard Packing per Carton.

- 5ml to 20ml supplied with trapezoidal shape for better stability
- # 5ml & 10ml stopper size Stopper size as per borosil scientific design
- Certified & Calibrated at 27°C



5653 - VOLUMETRIC FLASKS

Class A, Wide Mouth, Amber, with Individual Calibration Certificate

- Complies with DIN / ISO 1042, Accuracy as per class A
- Supplied with Interchangeable Solid Glass Stopper
- Each flask is marked with individual serial number and supplied with certificate of calibration traceable to National standards
- Amber coating on exterior surfaces to facilitate use with light sensitive solutions
- White enamel inscriptions
- Specially designed wide mouth for testing bigger diameter tablet without making it in powder form
- Calibrated & certified at 27°C

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	HSN Code
5653005	5	0.04	12/21#	70179010
5653006	10	0.04	12/21#	70179010
5653008	20	0.06	12/21	70179010
5653009	25	0.06	12/21	70179010
5653A09	25*	0.06	14/23	70179010
5653012	50	0.10	14/23	70179010
5653016	100*	0.10	19/26	70179010
5653020	200*	0.15	19/26	70179010
5653021	250*	0.15	19/26	70179010
5653024	500	0.25	24/29	70179010
5653029	1000	0.60	29/32	70179010

Quantity :- Standard Packing per Cartoon.

- 5ml to 20ml supplied with trapezoidal shape for better stability

-# 5ml to 10ml (# Stopper size as per borosil scientific design)

-* Not covered in the standards



5655 - VOLUMETRIC FLASKS

ASTM, Narrow Mouth, Amber, with Individual Calibration Certificate, Neck size as per ASTM (Bulgy neck)

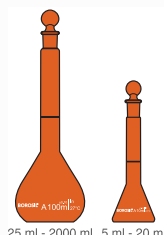
- Complies fully with ASTM E 288 standards - For both dimensions as well as tolerance
- Supplied with Interchangeable Solid Glass Stopper
- Each flask is marked with individual serial number and supplied with certificate of calibration traceable to National standards
- Amber coating on exterior surfaces to facilitate use with light sensitive solutions
- White enamel inscriptions
- Calibrated & certified at 20°C

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	HSN Code
5655005	5	0.02	9	70179010
5655006	10	0.02	9	70179010
5655008	20	0.03	9	70179010
5655009	25	0.03	9	70179010
5655012	50	0.05	9	70179010
5655016	100	0.08	13	70179010
5655020	200	0.10	16	70179010
5655021	250	0.12	16	70179010
5655024	500	0.20	19	70179010
5655029	1000	0.30	22	70179010
5655030	2000	0.50	27	70179010



Quantity :- Standard Packing per Cartoon.

- 5ml to 20ml supplied with trapezoidal shape for better stability



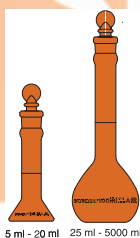
5655D - VOLUMETRIC FLASKS Class A, USP, Narrow Mouth, Amber, with Individual Calibration Certificate, Neck size as per ISO (Long neck)

- Tolerance complies to ASTM E288 standards and dimensions as per ISO 1042 standards
- Supplied with Interchangeable Solid Glass Stopper
- Each flask is marked with individual serial number and supplied with certificate of calibration traceable to National standards
- Amber coating on exterior surfaces to facilitate use with light sensitive solutions
- White enamel inscriptions
- Calibrated & certified at 20°C

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	HSN Code
5655005D	5	0.02	10/19#	70179010
5655006D	10	0.02	10/19#	70179010
5655008D	20	0.03	10/19	70179010
5655009D	25	0.03	10/19	70179010
5655012D	50	0.05	10/19	70179010
5655016D	100	0.08	12/21	70179010
5655020D	200	0.10	14/23	70179010
5655D21D	250	0.12	14/23	70179010
5655D24D	500	0.20	19/26	70179010
5655029D	1000	0.30	24/29	70179010
5655030D	2000	0.50	29/32	70179010

Quantity :- Standard Packing per Cartoon.

- 5ml to 20ml supplied with trapezoidal shape for better stability
- # 5ml to 10ml Stopper size not as per standards and kept wide mouth for convenient pipetting



5657 - VOLUMETRIC FLASKS

ASTM, wide mouth, Amber, with Individual calibration Certificate, Neck size as per ASTM (Bulgy neck)

- Complies fully with ASTM E 288 standards - For both dimensions as well as tolerance
- Supplied with Interchangeable Solid Glass Stopper
- Each flask is marked with individual serial number and supplied with certificate of calibration traceable to National standards
- Amber coating on exterior surfaces to facilitate use with light sensitive solutions
- White enamel inscriptions
- Specially designed wide mouth for testing bigger diameter tablets without making it in powder form
- Calibrated & certified at 20°C

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	HSN Code
5657005	5	0.08	13	70179010
5657006	10	0.08	13	70179010
5657008	20	0.08	13	70179010
5657009	25	0.08	13	70179010
5657012	50	0.08	13	70179010
5657016	100	0.10	16	70179010
5657020	200	0.20	19	70179010
5657021	50	0.20	19	70179010

Quantity :- Standard Packing per Cartoon.

- 5ml to 20ml supplied with trapezoidal shape for better stability



5657D - VOLUMETRIC FLASKS

Class A, USP, Wide Mouth, Amber, with Individual Calibration Certificate, Neck as per ISO (Long neck)

- Tolerance complies to ASTM E288 standards and dimensions as per ISO 1042 standards
- Supplied with Interchangeable Solid Glass Stopper
- Each flask is marked with individual serial number and supplied with certificate of calibration traceable to National standards
- Amber coating on exterior surfaces to facilitate use with light sensitive solutions
- White enamel inscriptions
- Specially designed wide mouth for testing bigger diameter tablets without making it in powder form
- Calibrated & certified at 20°C

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	HSN Code
5657005D	5	0.08	12/21#	70179010
5657006D	10	0.08	12/21#	70179010
5657008D	20	0.08	12/21	70179010
5657009D	25	0.08	12/21	70179010
5657012D	50	0.08	14/23	70179010
5657016D	100	0.10	19/26	70179010
5657020D	200	0.20	19/26	70179010
5657021D	250	0.20	19/26	70179010



Quantity :- Standard Packing per Cartoon.

- 5ml to 20ml supplied with trapezoidal shape for better stability

-# Stopper size as per Borosil Scientific Design

2020 - VOLUMETRIC FLASKS

NABL Certified, Class A, Clear, with Individual Calibration Certificate

- Complies with DIN / ISO 1042, Accuracy as per class A
- Supplied with Interchangeable Glass Stopper
- Each flask is marked with individual serial number and supplied with certificate of calibration traceable to National standards
- Amber enamel inscriptions
- Calibrated & certified at 27°C

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	HSN Code
2020001	1	0.025	7/16	70179010
2020002	2	0.025	7/16	70179010
2020005	5	0.025	10/19#	70179010
2020006	10	0.025	10/19#	70179010
2020008	20	0.04	10/19	70179010
2020009	25	0.04	10/19	70179010
2020012	50	0.06	12/21	70179010
2020016	100	0.10	14/23	70179010
2020020	200	0.15	14/23	70179010
2020021	250	0.15	14/23	70179010
2020024	500	0.25	19/26	70179010
2020029	1000	0.40	24/29	70179010
2020030	2000	0.60	29/32	70179010



Quantity :- Standard Packing per Cartoon.

- 1ml to 20ml supplied with trapezoidal shape for better stability
- Certified and Calibrated at 27°C

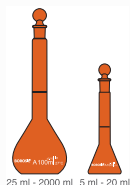
- Volumetric flasks with old stopper sizes - available till stocks last
-# Stopper size as per Borosil Scientific Design

VOLUMETRIC FLASKS

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2021 - VOLUMETRIC FLASKS

NABL Certified, Class A, Amber, with Individual calibration certificate

- Complies with DIN / ISO 1042, Accuracy as per class A
- Supplied with Interchangeable Glass Stopper
- Each flask is marked with individual serial number and supplied with certificate of calibration traceable to National standards
- White enamel inscriptions
- Calibrated & certified at 27°C

Product Code	Capacity ml	Tolerance ± ml	Stopper Size	HSN Code
2021005	5	0.025	10/19*	70179010
2021006	10	0.025	10/19*	70179010
2021008	20	0.04	10/19*	70179010
2021009	25	0.04	10/19	70179010
2021012	50	0.06	12/21	70179010
2021016	100	0.10	14/23	70179010
2021020	200	0.15	14/23	70179010
2021021	250	0.15	14/23	70179010
2021024	500	0.25	19/26	70179010
2021029	1000	0.40	24/29	70179010
2021030	2000	0.60	29/32	70179010

Quantity :- Standard Packing per Cartoon.

- 5ml to 20ml supplied with trapezoidal shape for better stability

Stopper size as per Borosil Scientific Design



8100 - Glass Stoppers ISO/DIN, Penny head, clear

Product Code	Stopper Number	Interchangeable Joint Size	HSN Code
8100A10	-	10/19	70179010
8100A12	-	12/21	70179010
8100A14	-	14/23	70179010
8100A19	-	19/26	70179010
8100A24	-	24/29	70179010
8100A29	-	29/32	70179010
8100A34	-	34/35	70179010

Quantity :- Standard Packing per Cartoon.

8110 - Glass Stoppers ASTM, Penny head, Clear

Product Code	Stopper Number	Interchangeable Joint Size	HSN Code
8110008	#8	8.25/10	70179090
8110009	#9	9.4/14	70179090
8110013	#13	13.4/14	70179090
8110016	#16	16.5/15	70179090
8110019	#19	19.7/17	70179090
8110022	#22	22.05/20.5	70179090
8110027	#27	27.15/21.5	70179090

Quantity :- Standard Packing per Cartoon.



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8300 - Polypropylene (PP) Stoppers

- Flat head, ISO standard

Product Code	Stopper Number	Interchangeable Joint Size	HSN Code
8300007	7/16	20	39235010
8300A10	10/19	20	39235010
8300012	12/21	20	39235010
8300A14	14/23	20	39235010
8300A19	19/26	20	39235010
8300A24	24/29	20	39235010
8300A29	29/32	20	39235010
8300A34	34/35	20	39235010

Quantity :- Standard Packing per Cartoon.

8400 - Glass Stoppers

ISO/DIN, Penny head, Amber

Product Code	Stopper Number	Interchangeable Joint Size	HSN Code
8400A10	-	10/19	7017900
8400A12	-	12/21	7017900
8400A14	-	14/23	7017900
8400A19	-	19/26	7017900
8400A24	-	24/29	7017900
8400A29	-	29/32	7017900
8400A34	-	34/35	7017900

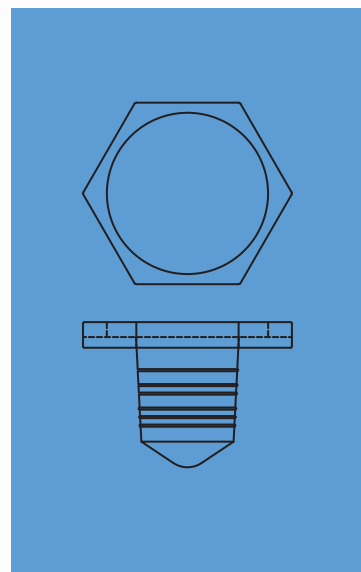
Quantity :- Standard Packing per Cartoon.

8400 - Glass Stoppers

ISO/DIN, Penny head, Amber

Product Code	Stopper Number	Interchangeable Joint Size	HSN Code
8410008	#8	8.25/10	7017900
8410009	#9	9.4/14	7017900
8410013	#13	13.4/14	7017900
8410016	#16	16.5/15	7017900
8410019	#19	19.7/17	7017900
8410022	#22	22.05/20.5	7017900
8410027	#27	27.15/21.5	7017900

Quantity :- Standard Packing per Cartoon.





6100 - CHROMATOGRAPHY COLUMNS

Plain With Glass Stopcock

- Designed with straight bore stopcock that increases the life as compared to PTFE key stopcocks
- The glass stopcock enhances control and facilities smoother action
- Generally used for purification of individual compounds from mixtures of compounds

Product Code	Length mm	Bore Dia mm	HSN Code
6100060	200	10	70179090
6100061	300	10	70179090
6100062	300	18	70179090
6100063	450	30	70179090
6100064	500	10	70179090
6100065	500	18	70179090
6100066	600	30	70179090
6100067	600	40	70179090
6100068	1000	40	70179090

Quantity :- Standard Packing per Carton.

Note :The columns with Boroflow & PTFE stopcock will be made available on request



6101 - CHROMATOGRAPHY COLUMNS

With Sintered Disc & Glass Stopcock

- Designed with straight bore stopcock that increases the life as compared to PTFE key stopcocks
- The glass stopcock enhances control and facilities smoother action
- Columns are added with a Sintered Disc for good results
- Generally used for purification of individual compounds from mixtures of compounds
- Columns are added with a Sintered Disc (Grade I) for good result

Product Code	Length mm	Bore Dia mm	HSN Code
6101060	200	10	70179090
6101061	300	10	70179090
6101062	300	18	70179090
6101063	450	30	70179090
6101064	500	10	70179090
6101065	500	18	70179090
6101066	600	30	70179090
6101067	600	40	70179090
6101068	1000	40	70179090

Quantity :- Standard Packing per Carton.

Note :The columns with Boroflow & PTFE stopcock will be made available on request



Funnel

Funnel may be used for separating solids from liquids, liquids from liquids and occasionally, for pouring something into a container.

BOROSIL* brand Funnel are available in a comprehensive range for a variety of such applications, Sintered Glass Funnel are also available.

Separating Funnel come in globe, pear and cylindrical shapes with ground glass stopcocks and interchangeable stoppers. These Funnel are made of specially moulded blanks. Stopcock bores, body openings and stems are carefully aligned to facilitate the smooth and even flow of liquid with fast cut-off.



Made from 3.3 Low Expansion Borosilicate Glass





6140 - GLASS FILTER FUNNEL

Short Stem

- Complies with IS 1591, DIN / ISO 4798
- Designed with a 60° bowl angle to ensure precise fitting of the filter paper
- High thermal shock resistance and chemical resistance
- Generally used for filtering and decanting liquids of varied densities

Product Code	Diameter mm	Stem		HSN Code
		OD	Length	
6140057	25*	6	25	70179090
6140058	35	6	35	70179090
6140065	50*	8	50	70179090
6140069	65*	8	65	70179090
6140071	75	8	75	70179090
6140077	100	10	100	70179090

Quantity :- Standard Packing per Cartoon.

Not covered in Standards



6150 - FUNNEL TEST TUBES

- Specially designed for soil testing laboratory

Product Code	Capacity ml	HSN Code
6150007	15	70179090
6150010	30	70179090

Quantity :- Standard Packing per Cartoon.



6220 - POWDER FUNNEL

With Stem

- Designed with a short wide stem to facilitate smooth flow
- Ideal for transferring powders

Product Code	Capacity ml	HSN Code
6220080	125	70179090
6220081	150	70179090
6220087	200	70179090
6220089	250	70179090

Quantity :- Standard Packing per Cartoon.



6230 - POWDER FUNNEL

Stem With Cone

- Supplied with ground glass cone for easy fitting on flask
- Interchangeable joint size 24/29
- Designed with a short wide stem to facilitate smooth flow
- Ideal for transferring powders

Product Code	Capacity ml	HSN Code
6230080	125	70179090
6230081	150	70179090
6230087	200	70179090
6230089	250	70179090

Quantity :- Standard Packing per Cartoon.

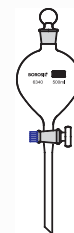


6340 - SEPARATING FUNNEL, GLOBE SHAPE With Glass Stopcock & I/C Glass Stopper

- Designed with globe shape and with a stem
- Generally used in the separation phase

Product Code	Capacity ml	Stopper Size	HSN Code
6340017	125	19/26	70179090
6340021	250	24/29	70179090
6340024	500	24/29	70179090
6340029	1000	29/32	70179090
6340030	2000	29/32	70179090
6340033	5000	29/32	70179090

Quantity :- Standard Packing per Cartoon.



6400 - SEPARATING FUNNEL, PEAR SHAPE With Glass Stopcock & I/C Glass Stopper

- Complies with IS 1575, DIN / ISO 4800
- Designed with pear shape and with a stem
- Generally used in the separation phase

Product Code	Capacity ml	Stopper Size	HSN Code
6400013	60*	14/23	70179090
6400017	125*	19/26	70179090
6400021	250	24/29	70179090
6400024	500	24/29	70179090
6400029	1000	29/32	70179090
6400030	2000	29/32	70179090

Quantity :- Standard Packing per Cartoon.

Not covered in Standards



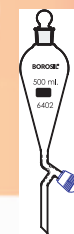
6402 - SEPARATING FUNNEL, PEAR SHAPE With Boroflow Stopcock and I/C Glass Stopper

- Complies with IS 1575, DIN / ISO 4800
- Designed with pear shape and with a stem
- Generally used in the separation phase

Product Code	Capacity ml	Stopper Size	HSN Code
6402013	60*	14/23	70179090
6402017	125*	19/26	70179090
6402021	250	24/29	70179090
6402024	500	24/29	70179090
6402029	1000	29/32	70179090
6402030	2000	29/32	70179090

Quantity :- Standard Packing per Cartoon.

Not covered in Standards



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6403 - SEPARATING FUNNEL, PEAR SHAPE

Short Stem

- Complies with IS 1591, DIN / ISO 4798
- Designed with a 60° bowl angle to ensure precise fitting of the filter paper
- High thermal shock resistance and chemical resistance
- Generally used for filtering and decanting liquids of varied densities

Product Code	Capacity ml	Stopper Size	HSN Code
6403017	125*	19/26	70179090
6403021	250*	24/29	70179090
6403024	500	24/29	70179090
6403029	1000	29/32	70179090
6403030	2000	29/32	70179090

Quantity :- Standard Packing per Cartoon.
Not covered in Standards



6405 - PRESSURE EQUILISING CYLINDRICAL FUNNEL

With PTFE Stopcock

- Supplied with polypropylene stopper
- Equipped with totally grease free and self lubricating PTFE stopcock

Product Code	Capacity ml	Stopper Size	HSN Code
6405012	50	19/26	70179090
6405016	100	19/26	70179090
6405021	250	24/29	70179090
6405024	500	24/29	70179090

Quantity :- Standard Packing per Cartoon.
Not covered in Standards



6408 - DROPPING FUNNEL

Graduated With Glass Stopcock

- Complies with IS 1575, DIN / ISO 4800
- Supplied with glass stopcock

Product Code	Capacity ml	Stopper Size	HSN Code
6408012	50	14/23	70179090
6408016	100	19/26	70179090
6408021	250	24/29	70179090
6408024	500	24/29	70179090
6408029	1000	29/32	70179090

Quantity :- Standard Packing per Cartoon.
Not covered in Standards

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6560 - PLAIN SHANK SINGLE CONE

- Complies to DIN 12249
- Joints are made with precision grinding

Product Code	Cone Joint Size	Total Length	HSN Code
6560010	10/19	120	70179090
6560012	12/21	120	70179090
6560014	14/23	120	70179090
6560019	19/26	125	70179090
6560024	24/29	135	70179090
6560029	29/32	135	70179090
6560034	34/35	150	70179090
6560040	40/38*	150	70179090
6560045	45/40*	150	70179090
6560050	50/42*	150	70179090
6560055	55/44	150	70179090

Quantity :- Standard Packing per Cartoon.
Not covered in Standards



6561 - PLAIN SHANK DOUBLE CONE

- Complies to DIN 12249
- Joints are made with precision grinding

Product Code	Cone Joint Size	Total Length	HSN Code
6561010	10/19	125	70179090
6561012	12/21	135	70179090
6561014	14/23	135	70179090
6561019	19/26	140	70179090
6561024	24/29	170	70179090
6561029	29/32	170	70179090
6561034	34/35	180	70179090
6561040	40/38	185	70179090

Quantity :- Standard Packing per Cartoon.
Not covered in Standards





6580 - PLAIN SHANK SINGLE SOCKET

- Complies to DIN 12249
- Joints are made with precision grinding

Product Code	Cone Joint Size	Total Length	HSN Code
6580010	10/19	120	70179090
6580012	12/21	120	70179090
6580014	14/23	120	70179090
6580019	19/26	125	70179090
6580024	24/29	135	70179090
6580029	29/32	135	70179090
6580034	34/35	135	70179090
6580040	40/38	150	70179090
6580045	45/40	150	70179090
6580050	50/42	150	70179090
6580055	55/44	150	70179090

Quantity :- Standard Packing per Cartoon.



6581 - PLAIN SHANK DOUBLE SOCKET

- Complies to DIN 12249
- Joints are made with precision grinding

Product Code	Cone Joint Size	Total Length	HSN Code
6581010	10/19	125	70179090
6581012	12/21	135	70179090
6581014	14/23	135	70179090
6581019	19/26	140	70179090
6581024	24/29	170	70179090
6581029	29/32	170	70179090
6581034	34/35	180	70179090
6581040	40/38	185	70179090



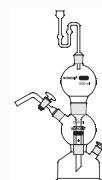


6550 - GAS GENERATOR APPARATUS (KIPPS)

- Used to produce common gases
- Simple to operate and assemble
- Quick charging

Product Code	Capacity ml	HSN Code
6550024	500	70179090
6550029	1000	70179090

Quantity :- Standard Packing per Cartoon.



6910 - RECTANGULAR MUSEUM JAR With Lid

- Jar made of 3.3 low expansion borosilicate glass and lid made from sodalime glass
- Specially blown to give sturdiness and long life
- Top edges are flat ground
- Not recommended for use over a direct flame or on a hot plate
- For storage and display of preserved organs and organisms in Museums, Hospitals and Medical Colleges

Product Code	Approx HxLxB mm	HSN Code
6910M41	200x125x125	70179090
6910M42	200x150x100	70179090
6910M43	220x195x80	70179090
6910M44	250x165x140	70179090
6910M45	250x250x120	70179090
6910M46	360x150x100	70179090

Quantity :- Standard Packing per Cartoon.

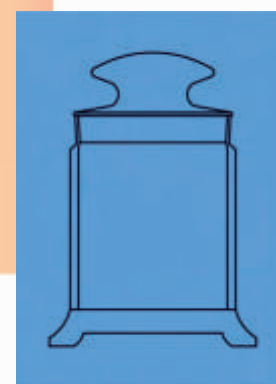


6912 - CYLINDRICAL MUSEUM JAR With Lid NEW

- Jar made of 3.3 low expansion borosilicate glass and lid made from sodalime glass
- Specially blown to give sturdiness and long life
- Top edges are flat ground
- Not recommended for use over a direct flame or on a hot plate
- For storage and display of preserved organs and organisms in Museums, Hospitals and Medical Colleges

Product Code	Approx OD x Height mm	HSN Code
6912M61	100x150	70179090
6912M62	115x200	70179090
6912M63	130x300	70179090
6912M64	150x300	70179090
6912M65	230x300	70179090

Quantity :- Standard Packing per Cartoon.





6947 - REACTION KETTLES ASSEMBLY Resin Reaction

- The wide mouth enables easy access for cleaning the interior
- Flanges of the covers and base are finely ground to ensure a tight seal
- Equipped with interchangeable covers with four openings
- Designed for viscous reaction materials

Product Code	Capacity ml	Body Dia mm	Height mm	HSN Code
6947024	500	100	150	70179090
6947029	1000	110	175	70179090
6947030	2000	150	185	70179090
6947032	4000	150	340	70179090

The 500 ml and 1000 ml kettles have interchangeable covers with four openings to accommodate 24 / 29 interchangeable joints. Kettles of 2000 ml and 4000 ml capacity have interchangeable covers with openings to accommodate three 24 / 29 interchangeable joints and one 34 / 35 interchangeable joint.

Quantity :- Standard Packing per Cartoon.



6948 - BOTTOM FOR KETTLES ASSEMBLY

Only for Kettles Cat no. 6947

The base has a wide mouth that enables easy access for cleaning the interior
Flanges of the base are finely ground to ensure a tight seal

Product Code	Capacity ml	HSN Code
6948024	500	70179090
6948029	1000	70179090
6948030	2000	70179090
6948032	4000	70179090

Quantity :- Standard Packing per Cartoon.



6949 - COVER FOR KETTLE REACTION ASSEMBLY

Only for Kettles Cat no. 6947

- The covers have openings with interchangeable joints to facilitate rapid assembly with Condensers and Stirrers
- Flanges of the covers are finely ground to ensure a tight seal

Product Code	Capacity ml	HSN Code
6949041	500/1000	70179090
6949042	2000/4000	70179090

The 500 ml and 1000 ml kettles have interchangeable covers with four openings to accommodate 24 / 29 interchangeable joints. Kettles of 2000 ml and 4000 ml capacity have interchangeable covers with openings to accommodate three 24 / 29 interchangeable joints and one 34 / 35 interchangeable joint.

Quantity :- Standard Packing per Cartoon.

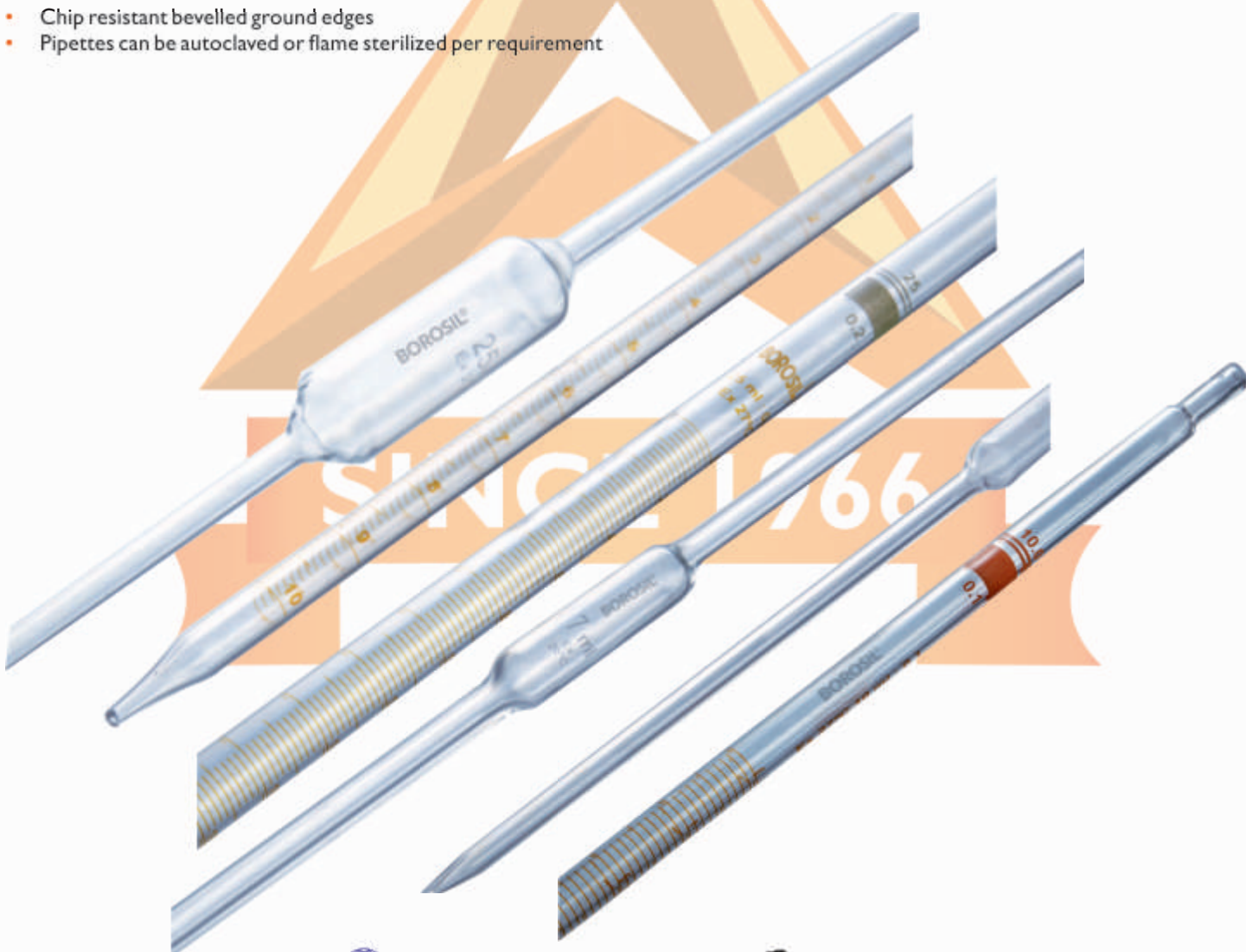


PIPETTES

BOROSIL* Pipettes are made from heavy walled, machine drawn borosilicate glass tubing, of precise bore sizes, to provide highest level of accuracy. The mouthpiece of pipettes, of capacities >5ml are tooled with uniform OD for easy aspiration of liquids. Tooling imparts additional strength to the pipettes.

- Individually calibrated by automatic calibration process
- Available in both Class A and Class B tolerances
- Individual calibration certificate provided for Class A pipettes
- Graduation markings made using finest quality white enamel or amber ink to ensure maximum durability
- Color coded in accordance with ISO standards to facilitate easy identification
- Chip resistant bevelled ground edges
- Pipettes can be autoclaved or flame sterilized per requirement

Made from 3.3 Low Expansion Borosilicate Glass



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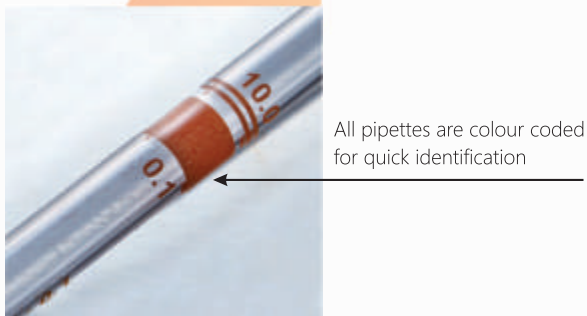
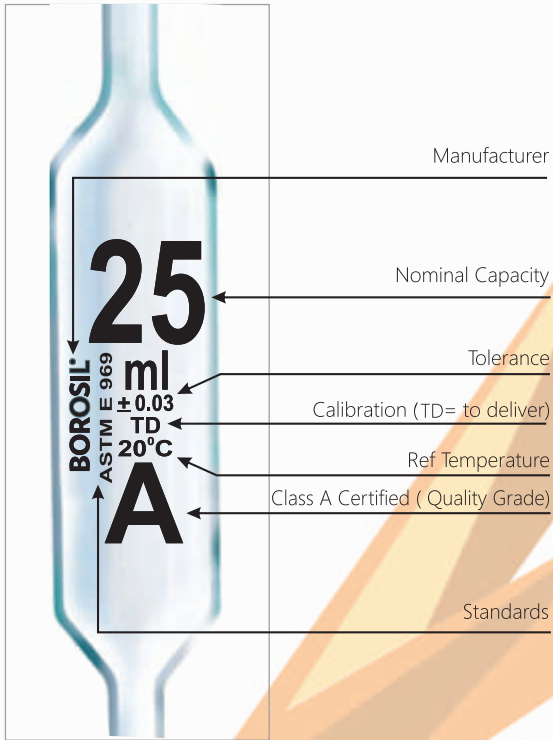
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Ph.: 93930-01939, 90522-23905, 98480-31317, 93472-45096

PIPETTES

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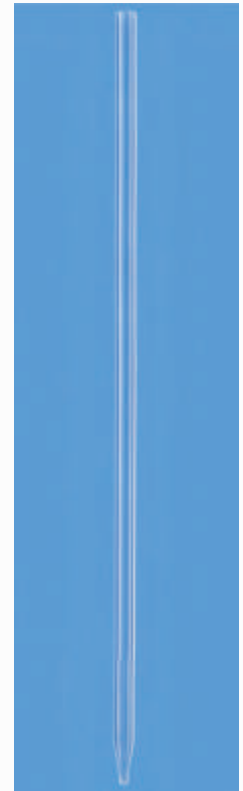


7040 - ARTIFICIAL INSEMINATION PIPETTES

- Sturdy, strong and safe for repeated use
- It can be sterilised and cleaned easily
- Tapered tip for efficient use
- Ideal for artificial insemination in cattles

Product Code	Length mm	HSN Code
7040162	450	70179010

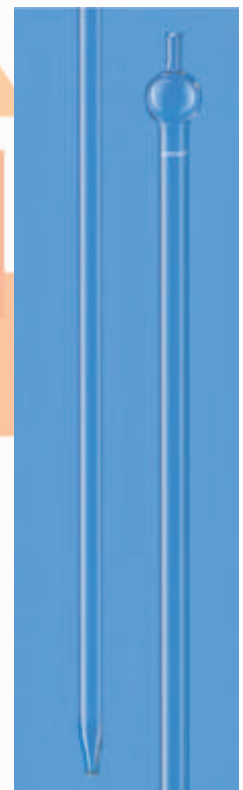
Quantity :- Standard Packing per Cartoon.



7041 - DRUM SAMPLING PIPETTE

Product Code	Length mm	HSN Code
7041041	1000	70179010

Quantity :- Standard Packing per Cartoon.



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PIPETTES

BOROSIL
Scientific

ASIAN SCIENTIFIC INSTRUMENTS

SUPER MARKET FOR LAB ITEMS



7056 - MILK/BACTERIOLOGICAL PIPETTES

- Complies with IS 2025
- Available in two capacities - 1.1 ml and 2.2 ml
- 1.1 ml is graduated at 0.5 to 1.1 ml
- 2.2 ml is graduated at 1.0, 2.0, 2.1 and 2.2 ml
- Used for the bacteriological examination of milk in dairy industries

Product Code	Capacity ml	Tolerance \pm ml	HSN Code
7056101	1.1	0.025	70179010
7056102	2.2	0.040	70179010

Quantity :- Standard Packing per Cartoon.

7057 - GERBER MILK PIPETTES

- Complies with IS 1223 (Part II)
- Sturdy, designed to last long
- Used for testing milk by the Gerber method
- Gerber Milk Pipettes are one-mark transfer Pipettes for measuring 10.75 ml
- They can be also be used in rural Milk Collection Centres

Product Code	Capacity ml	Tolerance \pm ml	HSN Code
7057P10	10.75	0.03	70179010

Quantity :- Standard Packing per Cartoon.



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7058 - GERBER MILK PIPETTES With Certificate

- Provided with calibration certificate

Product Code	Capacity ml	Tolerance \pm ml	HSN Code
7058P10	10.75	0.015	70179010

Quantity :- Standard Packing per Cartoon.



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7059 - MOHR PIPETTES Class A, with Individual Calibration Certificate

- Complies with IS, ISO 835, Type I
- Graduated for delivery from zero mark to the last graduation mark
- Supplied with individual calibration certificate showing actual volume dispensed and providing traceability to national standards
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability
- Calibrated and certified at 27°C

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	HSN Code
7059P41	0.1	0.01	0.006	70179010
7056P42	0.2	0.01	0.006	70179010
7059P01	1	0.01	0.007	70179010
7059P11	1	0.10	0.007	70179010
7059P02	2	0.02	0.01	70179010
7059P22	2	0.10	0.01	70179010
7059P05	5	0.05	0.03	70179010
7059P55	5	0.10	0.03	70179010
7059P06	10	0.10	0.05	70179010
7059P09	25	0.20	0.10	70179010

Quantity :- Standard Packing per Cartoon.



7059 - MOHR PIPETTES Class B

- Complies with IS, ISO 835, Type I
- Graduated for delivery from zero mark to the last graduation mark
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability
- Calibrated at 27°C

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	HSN Code
7060P41	0.1	0.01	0.01	70179010
7060P42	0.2	0.01	0.01	70179010
7060P01	1	0.01	0.01	70179010
7060P11	1	0.10	0.01	70179010
7060P02	2	0.02	0.02	70179010
7060P22	2	0.10	0.02	70179010
7060P05	5	0.05	0.05	70179010
7060P55	5	0.10	0.05	70179010
7060P06	10	0.10	0.10	70179010
7060P09	25	0.20	0.20	70179010

Quantity :- Standard Packing per Cartoon.



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7062 - MOHR PIPETTES

Class B, White marking

- Complies with ISO 835
- Graduated for delivery from zero mark to the last graduation mark
- Graduation in white enamel for increased visibility against dark solutions
- Calibrated at 27°C

Product Code	Capacity ml	Graduation Interval ml	Tolerance ±ml	HSN Code
7062P41	0.1	0.01	0.01	70179010
7062P42	0.2	0.01	0.01	70179010
7062P01	1	0.01	0.01	70179010
7062P11	1	0.10	0.01	70179010
7062P02	2	0.02	0.02	70179010
7062P22	2	0.10	0.02	70179010
7062P05	5	0.05	0.05	70179010
7062P55	5	0.10	0.05	70179010
7062P06	10	0.10	0.10	70179010
7062P09	25	0.20	0.20	70179010

Quantity :- Standard Packing per **Cartoon**.

7079 - SEROLOGICAL PIPETTES

Class A, With Individual Calibration Certificate

- Complies with IS, ISO 835, Type III total delivery
- These Pipettes are graduated to the tip
- Two rings at the top indicate that the Pipette is calibrated to deliver from any graduation line down to tip
- Supplied with individual calibration certificate showing actual volume dispensed and providing traceability to national standards
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability
- Calibrated and certified at 27°C

Product Code	Capacity ml	Graduation Interval ml	Tolerance ±ml	HSN Code
7079P41	0.1	0.01	0.006	70179010
7079P42	0.2	0.01	0.006	70179010
7079P01	1	0.01	0.007	70179010
7079P11	1	0.10	0.007	70179010
7079P02	2	0.02	0.01	70179010
7079P22	2	0.10	0.01	70179010
7079P05	5	0.05	0.03	70179010
7079P55	5	0.10	0.03	70179010
7079P06	10	0.10	0.05	70179010
7079P09	25	0.20	0.10	70179010

Quantity :- Standard Packing per **Cartoon**.



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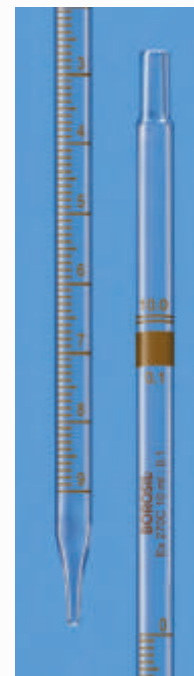


7080 - SEROLOGICAL PIPETTES Class B

- Complies with IS, ISO 835
- Two rings at the top indicate that the Pipette is calibrated to deliver from any graduation line down to tip
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability
- Calibrated at 27°C

Product Code	Capacity ml	Graduation Interval ml	Tolerance ±ml	HSN Code
7080P41	0.1	0.01	0.01	70179010
7080P42	0.2	0.01	0.01	70179010
7080P01	1	0.01	0.01	70179010
7080P11	1	0.10	0.01	70179010
7080P02	2	0.02	0.02	70179010
7080P22	2	0.10	0.02	70179010
7080P05	5	0.05	0.05	70179010
7080P55	5	0.10	0.05	70179010
7080P06	10	0.10	0.10	70179010
7080P09	25	0.20	0.20	70179010

Quantity :- Standard Packing per Cartoon.



7081 - SEROLOGICAL PIPETTES Class A, USP, with Individual Calibration Certificate

- Complies with ASTM 1293 - 02
- These pipettes are graduated to the tip
- Two rings at the top indicate that the pipette is calibrated to deliver from any graduation line down to tip
- Supplied with individual calibration certificate showing actual volume dispensed and providing traceability to national standards
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability
- Calibrated and certified at 20°C

Product Code	Capacity ml	Graduation Interval ml	Tolerance ±ml	HSN Code
7081P01	1	0.01	0.01	70179010
7081P11	1	0.10	0.01	70179010
7081P22	2	0.10	0.01	70179010
7081P55	5	0.10	0.02	70179010
7081P06	10	0.10	0.03	70179010
7081P09	25	0.10	0.05	70179010

Quantity :- Standard Packing per Cartoon.



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7082 - SEROLOGICAL PIPETTES

Class B, White marking

- Complies with IS, ISO 835
- These Pipettes are graduated to the tip
- Two rings at the top indicate that the Pipette is calibrated to deliver from any graduation line down to tip
- Graduation in white enamel for increased visibility against dark solutions
- Calibrated at 27°C

Product Code	Capacity ml	Graduation Interval ml	Tolerance ±ml	HSN Code
7082P41	0.1	0.01	0.01	70179010
7082P42	0.2	0.01	0.01	70179010
7082P01	1	0.01	0.01	70179010
7082P11	1	0.10	0.01	70179010
7082P02	2	0.02	0.02	70179010
7082P22	2	0.10	0.02	70179010
7082P05	5	0.05	0.05	70179010
7082P55	5	0.10	0.05	70179010
7082P06	10	0.10	0.10	70179010
7082P09	25	0.20	0.20	70179010

Quantity :- Standard Packing per Carton.

7100 - VOLUMETRIC PIPETTES

Class A, With Individual Calibration Certificate

- Complies with ISO 648
- Calibrated for delivery (TD, Ex)
- Each pipette coded with unique identification number (UID) and supplied with calibration certificate with traceability to national standards
- Generally used for accurate measurement and decanting of liquid
- Calibrated and certified at 27°C

Product Code	Capacity ml	Tolerance ±ml	HSN Code
7100001	1	0.008	70179010
7100002	2	0.01	70179010
7100005	5	0.015	70179010
7100006	10	0.02	70179010
7100008	20	0.03	70179010
7100009	25	0.03	70179010
7100012	50	0.05	70179010
7100016	100	0.008	70179010

Quantity :- Standard Packing per Carton.



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7101 - VOLUMETRIC PIPETTES Class A, ASTM with Individual Calibration Certificate

- Complies with ASTM E-969-02
- Calibrated for delivery (TD, Ex)
- Each pipette coded with unique identification number (UID) and supplied with calibration certificate with traceability to national standards
- Generally used for accurate measurement and decanting of liquid
- Calibrated and certified at 20°C

Product Code	Capacity ml	Tolerance \pm ml	HSN Code
7101001	1	0.006	70179010
7101105	1.5*	0.006	70179010
7101002	2	0.006	70179010
7101205	2.5*	0.006	70179010
7101003	3	0.01	70179010
7101004	4	0.01	70179010
7101005	5	0.01	70179010
7101706	6	0.01	70179010
7101707	7	0.01	70179010
7101708	8	0.02	70179010
7101709	9	0.02	70179010
7101006	10	0.02	70179010
7101007	15	0.03	70179010
7101008	20	0.03	70179010
7101009	25	0.03	70179010
7101010	30	0.03	70179010
7101011	40	0.05	70179010
7101012	50	0.05	70179010
7101016	100	0.08	70179010

Quantity :- Standard Packing per Cartoon.

* As per Borosil Scientific standards

7102 - VOLUMETRIC PIPETTES Class B

- Complies with ISO 648
- Calibrated for delivery (TD, Ex)
- Generally used for accurate measurement and decanting of liquid
- Calibrated at 27°C

Product Code	Capacity ml	Tolerance \pm ml	HSN Code
7102001	1	0.015	70179010
7102102	2	0.02	70179010
7102003	3*	0.02	70179010
7102204	4*	0.02	70179010
7102005	5	0.03	70179010
7102706	6*	0.03	70179010
7102707	7*	0.03	70179010
7102708	8*	0.04	70179010
7102709	9*	0.04	70179010
7102006	10	0.04	70179010
7102007	15*	0.04	70179010
7102008	20	0.06	70179010
7102009	25	0.06	70179010
7102010	30*	0.06	70179010
7102011	40*	0.1	70179010
7102012	50	0.1	70179010
7102016	100	0.15	70179010

Quantity :- Standard Packing per Cartoon.

* As per Borosil Scientific standards





7103 - VOLUMETRIC PIPETTES

Class B, ASTM

- Complies with ASTM E-969-02
- Calibrated for delivery (TD, Ex)
- Generally used for accurate measurement and decanting of liquid
- Calibrated at 20°C



Product Code	Capacity ml	Tolerance ±ml	HSN Code
7103001	1	0.012	70179010
7103002	2	0.012	70179010
7103003	3	0.02	70179010
7103004	4	0.02	70179010
7103005	5	0.02	70179010
7103706	6	0.03	70179010
7103707	7	0.03	70179010
7103708	8	0.04	70179010
7103709	9	0.04	70179010
7103006	10	0.04	70179010
7103007	15	0.06	70179010
7103008	20	0.06	70179010
7103009	25	0.06	70179010
7103010	30*	0.06	70179010
7103011	40*	0.10	70179010
7103012	50	0.10	70179010
7103016	100	0.16	70179010

Quantity :- Standard Packing per Cartoon.

* As per Borosil Scientific standards

7106 - VOLUMETRIC PIPETTES

Class A, ASTM, Amber, with Individual Calibration Certificate

- Complies with ASTM E-969-02
- Calibrated for delivery (TD, Ex)
- Each pipette coded with unique identification number (UID) and supplied with calibration certificate with traceability to national standards
- Uniform amber colour protects liquids from light radiation with a wave-length between 300 nm and 500 nm
- Ideal for use with light-sensitive solutions
- Generally used for accurate measurement and decanting of liquid
- Calibrated and certified at 20°C



Product Code	Capacity ml	Tolerance ±ml	HSN Code
7106001	1	0.006	70179010
7106002	2	0.006	70179010
7106005	5	0.01	70179010
7106006	10	0.02	70179010
7106008	20	0.03	70179010
7106709	25	0.03	70179010
7106012	50	0.05	70179010
7106016	100	0.08	70179010

Quantity :- Standard Packing per Cartoon.



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2030 - MOHR PIPETTES

NABL Certified, class A

- Complies with IS, ISO 835, Type I
- Graduated for delivery from zero mark to the last graduation mark
- Supplied with individual NABL calibration certificate showing actual volume dispensed and providing traceability to national standards
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability
- Calibrated & certified at 27°C

Product Code	Capacity ml	Graduation Interval ml	Tolerance \pm ml	HSN Code
2030P41	0.1	0.01	0.006	70179010
2030P42	0.2	0.01	0.006	70179010
2030P01	1	0.01	0.007	70179010
2030P11	1	0.10	0.007	70179010
2030P02	2	0.02	0.01	70179010
2030P22	2	0.10	0.01	70179010
2030P05	5	0.05	0.03	70179010
2030P55	5	0.10	0.03	70179010
2030P06	10	0.10	0.05	70179010
2030P09	25	0.20	0.10	70179010

Quantity :- Standard Packing per Cartoon.



2040 - VOLUMETRIC PIPETTES

NABL Certified, class A, with Individual Calibration Certification

- Complies with IS 1117, ISO 648
- Calibrated for delivery (TD, Ex)
- Each pipette coded with unique identification number (UID) and supplied with NABL calibration certificate with traceability to national standards
- Generally used for accurate measurement and decanting of liquid
- Calibrated and certified at 27°C

Product Code	Capacity ml	Tolerance \pm ml	HSN Code
2040001	1	0.008	70179010
2040002	2	0.01	70179010
2040005	5	0.015	70179010
2040006	10	0.02	70179010
2040008	20	0.03	70179010
2040009	25	0.03	70179010
2040012	50	0.05	70179010
2040016	100	0.08	70179010

Quantity :- Standard Packing per Cartoon.



PIPETTES

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NABL Certified Glassware

For critical laboratory applications

- Volumetric Flasks
- Measuring Cylinders
- Volumetric and Graduated Pipettes
- Burettes
- Relative Density Bottles



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Weighing Scoop

Borosil Weighing Scoops are primarily used when small quantities of powder, liquid or semi-solid material need to be weighed. The powder can be introduced into the receiving vessel through the tubular stem.

7200 - GLASS WEIGHING SCOOP

- Weighing scoops have an open tubular arm.
- Ideal for weighing small quantities of dyes and powders

Product Code	Capacity ml	HSN Code
7200P45	0.5	70179090
7200001	1	70179090
7200002	2	70179090
7200003	3	70179090
7200076	6	70179090
7200006	10	70179090

Quantity :- Standard Packing per Carton.



Mortar & Pestle

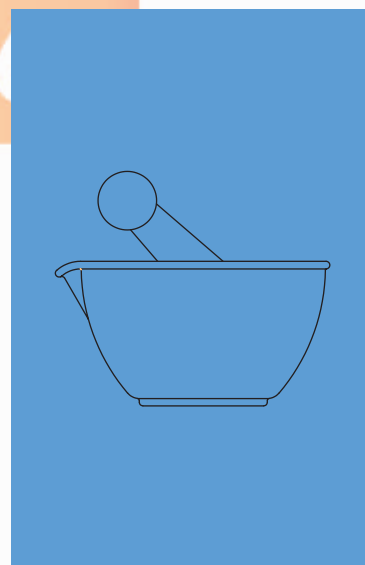
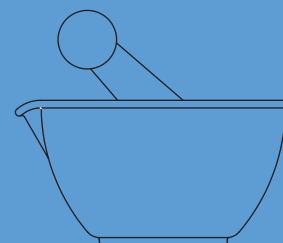
Made of Borosilicate glass for fine grinding of high purity substances

7210 - GLASS MORTAR AND PESTLE Inside Rough

- Inside surface is made rough to ensure fine grinding
- Designed with pour out for which allows easy decanting of liquids

Product Code	Top Diameter mm	Height mm	HSN Code
7210040	80	60	70179090
7210041	100	75	70179090
7210042	150	110	70179090

Quantity :- Standard Packing per Carton.



Tubes

Based on your needs, we offer an assortment of centrifuge tubes, Folin-Wu Tubes. All are made from uniformly drawn high quality tubing for extended service life and your safety.



7840 - FOLIN - WU BLOOD SUGAR TUBE

- Complies with IS 3740
- Made of uniformly drawn high quality tubing for extended service life
- The tube is calibrated at 12.5 ml and 25 ml

Product Code	Capacity ml	Approx O.D. x length mm	HSN Code
7840009	25	20x220	70179090

Quantity :- Standard Packing per Cartoon.



8060 - CENTRIFUGE TUBE Plain

- Made of uniformly drawn high quality tubing for extended service life
- Designed with conical bottom for the higher density fraction collection at the bottom of the tube
- Consequently, even small amounts of solids can be collected and separated

Product Code	Capacity ml	Approx O.D. x length mm	HSN Code
8060007	15	17x120	70179090

Quantity :- Standard Packing per Cartoon.



8080 - CENTRIFUGE TUBE Graduate

- Made of uniformly drawn high quality tubing for extended service life
- Designed with conical bottom for the higher density fraction collection at the bottom of the tube
- Consequently, even small amounts of solids can be collected and separated
- Graduated for greater precision

Product Code	Capacity ml	Approx O.D. x length mm	HSN Code
8080007	15	17x120	70179090
8080012	50	29x135	70179090

Quantity :- Standard Packing per Cartoon.

Amber colour Centrifuge tube available Product Code: 8081

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8084 - CENTRIFUGE TUBE Graduated with I/C Glass Stopper

- Made of uniformly drawn high quality tubing for extended service life
- Designed with conical bottom for the higher density fraction collection at the bottom of the tube
- Consequently, even small amounts of solids can be collected and separated
- Graduated for greater precision
- Supplied with glass stopper

Product Code	Capacity ml	Approx O.D. x length mm	HSN Code
8084007	15	17x145	70179090
8084012	50	29x165	70179090

Quantity :- Standard Packing per Cartoon.



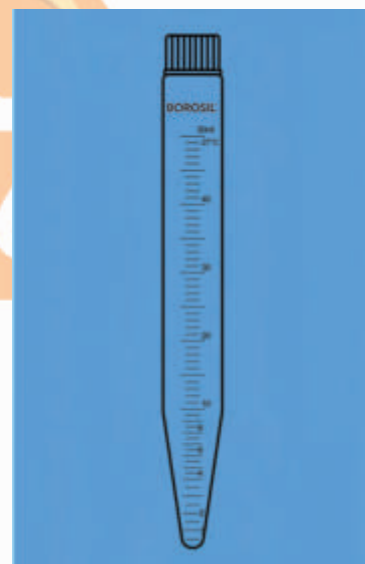
8090 - CENTRIFUGE TUBE Graduated with Screw Cap

- Supplied with screw cap made of polypropylene
- Made of uniformly drawn high quality tubing for extended service life
- Designed with conical bottom for the higher density fraction collection at the bottom of the tube
- Consequently, even small amounts of solids can be collected and separated
- Graduated for greater precision

Product Code	Capacity ml	Approx O.D. x length mm	HSN Code
8090007	15	17x130	70179090
8090012	50	29x150	70179090

Quantity :- Standard Packing per Cartoon.

Amber colour Centrifuge tube available Product Code: 8091





8100 - GLASS STOPPERS ISO/DIN, Penny head, Clear

- Complies with IS 3740
- Made of uniformly drawn high quality tubing for extended service life
- The tube is calibrated at 12.5 ml and 25 ml

ISO/DIN, Standard(Long Neck)

Product Code	Stopper no.	Interchangeable joint size	HSN Code
8100A10	-	10/19	70179090
8100A12	-	12/21	70179090
8100A14	-	14/23	70179090
8100A19	-	19/26	70179090
8100A24	-	24/29	70179090
8100A29	-	29/32	70179090
8100A34	-	34/35	70179090

Quantity :- Standard Packing per Cartoon.

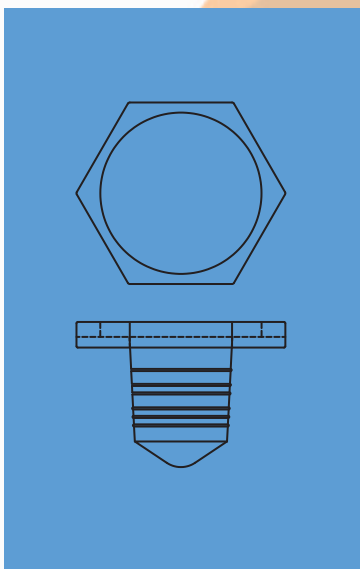


8110 - GLASS STOPPERS ASTM, Penny head, Clear

ASTM, Standard(Short Neck)

Product Code	Stopper no.	Interchangeable joint size	HSN Code
8110008	#8	8.25/10	70179090
8110009	#9	9.4/14	70179090
8110013	#13	13.4/14	70179090
8110016	#16	16.5/15	70179090
8110019	#19	19.7/17	70179090
8110022	#22	22.05/20.5	70179090
8110027	#27	27.15/21.5	70179090

Quantity :- Standard Packing per Cartoon.



8300 - POLYPROPYLENE (PP) STOPPERS

- Flat head, ISO standard

Product Code	Interchangeable joint size	HSN Code
8300007	7/16	39235010
8300A10	10/19	39235010
8300012	12/21	39235010
8300A14	14/23	39235010
8300A19	19/26	39235010
8300A24	24/29	39235010
8300A29	29/32	39235010
8300A34	34/35	39235010

Quantity :- Standard Packing per Cartoon.



8320 - CENTRIFUGE TUBE HEAVY DUTY

Graduated with I/C Glass Stopper

- Made of uniformly drawn high quality tubing with increased wall thickness
- Spout allows easy decanting of liquids
- Designed with conical bottom for the higher density fraction collection at the bottom of the tube

Product Code	Capacity ml	Approx O.D. x length mm	HSN Code
8320011	40	19x116	70179090

Quantity :- Standard Packing per Cartoon.



8340 - CENTRIFUGE TUBE HEAVY DUTY

With Spout, Graduated, Short Conical Bottom

- Made of uniformly drawn high quality tubing with increased wall thickness
- Spout allows easy decanting of liquids
- Designed with conical bottom for the higher density fraction collection at the bottom of the tube
- Graduated tubes for greater precision

Product Code	Capacity ml	Approx O.D. x length mm	HSN Code
8340011	40	19x116	70179090

Quantity :- Standard Packing per Cartoon.



8400 - Glass Stoppers

ISO/DIN, penny head, Amber (Long Neck)

Product Code	Stopper Number	Interchangeable Joint Size	HSN Code
8400A10	-	10/19	70179090
8400A12	-	12/21	70179090
8400A14	-	14/23	70179090
8400A19	-	19/26	70179090
8400A24	-	24/29	70179090
8400A29	-	29/32	70179090
8400A34	-	34/35	70179090

Quantity :- Standard Packing per Cartoon.



8410 - Glass Stoppers

ASTM, Penny head, Amber

Product Code	Stopper Number	Interchangeable Joint Size	HSN Code
8410008	#8	8.25/10	70179090
8410009	#9	9.4/14	70179090
8410013	#13	13.4/14	70179090
8410016	#16	16.5/15	70179090
8410019	#19	19.7/17	70179090
8410022	#22	22.05/20.5	70179090
8410027	#27	27.15/21.5	70179090

Quantity :- Standard Packing per Cartoon.



ADAPTERS



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Adapters

The Adapter tube listed below are the most widely used ones, and will enable a laboratory to assemble its own apparatus using the Flasks and Condensers listed earlier. The joints are fully interchangeable and made to the same precision as all Borosil Scientific ground joints.



8800 - ENLARGING CONNECTING ADAPTERS

- An outer interchangeable joint at the top and a smaller inner interchangeable joint at the base
- These joints are made to the same precision as all Borosil Scientific ground joints

Product Code	Socket joint Size	Cone joint Size	HSN Code
8800A01	19/26	14/23	70179090
8800A02	24/29	14/23	70179090
8800A03	24/29	19/26	70179090
8800A04	29/32	19/26	70179090
8800A05	29/32	24/29	70179090
8800A06	34/35	19/26	70179090
8800A07	34/35	24/29	70179090
8800A08	34/35	29/32	70179090

Quantity :- Standard Packing per Cartoon.

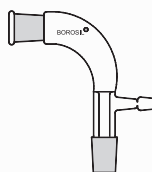


8820 - REDUCTION CONNECTING ADAPTERS

- An outer interchangeable joint at the top and a smaller inner interchangeable joint at the base
- These joints are made to the same precision as all Borosil Scientific ground joints.

Product Code	Socket joint Size	Cone joint Size	HSN Code
8820A09	29/32	34/35	70179090
8820A10	14/23	19/26	70179090
8820A11	14/23	24/29	70179090
8820A13	19/26	29/32	70179090
8820A14	19/26	34/35	70179090
8820A15	24/29	29/32	70179090
8820A16	24/29	34/35	70179090
8820A17	29/32	40/38	70179090
8820A18	19/26	24/29	70179090

Quantity :- Standard Packing per Cartoon.



8830 - RECEIVER BENT ADAPTER WITH VACUUM CONNECTION

Product Code	Socket joint Size	Cone joint Size	HSN Code
8830614	14/23	14/23	70179090
8830619	19/26	19/26	70179090
8830719	19/26	24/29	70179090
8830624	24/29	24/29	70179090
8830724	24/29	29/32	70179090
8830629	29/32	29/32	70179090

Quantity :- Standard Packing per Cartoon.



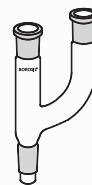
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8831 - MULTIPLE ADAPTER With two Parallel Necks

Product Code	Socket Joint Size	Cone Joint Size	HSN Code
8831614	14/23	14/23	70179090
8831619	19/26	19/26	70179090
8831719	19/26	24/29	70179090
8831624	24/29	24/29	70179090
8831819	19/26	34/35	70179090
8831629	29/32	29/32	70179090

Quantity :- Standard Packing per Cartoon.

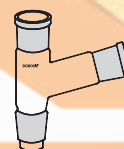


8831 - MULTIPLE ADAPTER With two Parallel Necks

- With two neck - one Verticle & one at 45°

Product Code	Socket Joint Size	Cone Joint Size	HSN Code
8832619	19/26	19/26	70179090
8832719	19/26	24/29	70179090
8832819	19/26	34/35	70179090

Quantity :- Standard Packing per Cartoon.

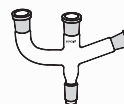


8833 - MULTIPLE ADAPTER With Three Necks

- With three neck - two parallel necks & one at 45°

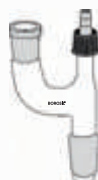
Product Code	Socket Joint Size	Cone Joint Size	HSN Code
8833A19	19/26	24/29	70179090
8833B19	19/26	29/32	70179090
8833C19	19/26	34/35	70179090
8833D19	19/26	45/40	70179090

Quantity :- Standard Packing per Cartoon.



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8834 - SWAN NECK ADAPTER

Product Code	Socket Joint Size	Cone Joint Size	HSN Code
8834619	19/26	19/26	70179090
8834719	19/26	24/29	70179090
8834624	24/29	24/29	70179090
8834724	24/29	34/35	70179090

Quantity :- Standard Packing per Cartoon.



8835 - ADAPTER CONE/RUBBER TUBING

Product Code	Socket Joint Size	HSN Code
8835A10	10/19	70179090
8835A14	14/23	70179090
8835A19	19/26	70179090
8835A24	24/29	70179090
8835A29	29/32	70179090

Quantity :- Standard Packing per Cartoon.



8836 - ADAPTER CONE - FLEXIBLE TUBING

Product Code	Socket Joint Size	HSN Code
8836A14	14/23	70179090
8836A19	19/26	70179090
8836A24	24/29	70179090
8836A29	29/32	70179090
8836B10	10/19	70179090

Quantity :- Standard Packing per Cartoon.



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8837 - ADAPTER RECEIVER Straight Socket To Rubber

Product Code	Socket Joint Size	HSN Code
8837A14	14/23	70179090
8837A19	19/26	70179090
8837A24	24/29	70179090
8837A34	34/35	70179090

Quantity :- Standard Packing per Cartoon.



8838 - ADAPTER RECEIVER Straight With Vocuum

Product Code	Socket Joint Size	Cone Joint Size	HSN Code
8838614	14/23	14/23	70179090
8838714	14/23	19/26	70179090
8838814	14/23	24/29	70179090
8838619	19/26	19/26	70179090
8838719	19/26	24/29	70179090
8838624	24/29	24/29	70179090
8838724	24/29	29/32	70179090

Quantity :- Standard Packing per Cartoon.



8839 - ADAPTER RECEIVER Bent With Vent

Product Code	Socket Joint Size	Cone Joint Size	HSN Code
8839614	14/23	14/23	70179090
8839619	19/26	19/26	70179090
8839719	19/26	24/29	70179090
8839624	24/29	24/29	70179090
8839629	29/32	29/32	70179090

Quantity :- Standard Packing per Cartoon.



ADAPTERS

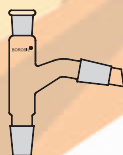
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8840 - ADAPTER SCREW CONES THREAD

Product Code	Socket Joint Size	HSN Code
8840A14	19/26	70179090
8840A19	19/26	70179090
8840A24	24/29	70179090
8840A29	24/29	70179090

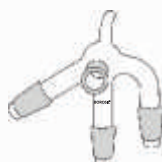
Quantity :- Standard Packing per Cartoon.



8841 - SLOPING PLANE STILL HEAD

Product Code	Flask Cone	Cond. Cone	Socket	HSN Code
8841610	10/19	10/19	10/19	70179090
8840614	14/23	14/23	14/23	70179090
8841619	19/26	19/26	14/23	70179090
8841819	19/26	19/26	19/26	70179090
8841724	24/29	19/26	14/23	70179090
8841624	24/29	24/29	19/26	70179090
8841729	29/32	19/26	14/23	70179090
8841629	29/32	29/32	14/23	70179090
8841634	34/35	19/26	14/23	70179090
8841734	34/35	24/29	14/23	70179090
8841834	34/35	34/35	14/23	70179090

Quantity :- Standard Packing per Cartoon.



8844 - ADAPTER RECEIVER Multiple Connectivity

Product Code	Socket Joint Size	Cone joint Size	HSN Code
8844614	14/23	14/23	70179090
8844714	14/23	19/26	70179090
8844619	19/26	19/26	70179090

Quantity :- Standard Packing per Cartoon.



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8845 - ADAPTER RECEIVER Plain Bent

Product Code	Socket Joint Size	Cone Joint Size	HSN Code
8845619	19/26	19/26	70179090
8845719	19/26	24/29	70179090
8845624	24/29	24/29	70179090
8845629	29/32	29/32	70179090

Quantity :- Standard Packing per Cartoon.



8846 - ADAPTER RECOVERY BENT With Slopping End

Product Code	Socket Joint Size	Cone Joint Size	HSN Code
8846614	14/23	14/23	70179090
8846724	24/29	14/23	70179090
8846619	19/26	19/26	70179090
8846824	24/29	19/26	70179090
8846729	29/32	19/26	70179090
8846734	34/35	19/26	70179090
8846624	24/29	24/29	70179090
8846834	34/35	24/29	70179090
8846634	34/35	34/35	70179090

Quantity :- Standard Packing per Cartoon.



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8847 - ADAPTER RECOVERY Bent Vertical

Product Code	Socket Joint Size	Cone Joint Size	HSN Code
8847614	14/23	14/23	70179090
8847619	19/26	19/26	70179090
8847724	24/29	14/23	70179090
8847624	24/29	24/29	70179090
8847629	29/32	29/32	70179090



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8849 - CLAISEN HEAD SLOPING

Product Code	Socket joint Size	Cone joint Size	HSN Code
8849614	14/23	14/23	70179090
8849619	19/26	19/26	70179090
8849724	24/29	19/26	70179090
8849624	24/29	24/29	70179090
8849629	29/32	29/32	70179090
8849734	34/35	24/29	70179090

Quantity :- Standard Packing per Cartoon.



8850 - ADAPTER RECEIVER Plain Vertical

Product Code	Socket joint Size	Cone joint Size	HSN Code
8850614	14/23	14/23	70179090
8850719	19/26	24/29	70179090
8850724	24/29	29/32	70179090

Quantity :- Standard Packing per Cartoon.



8851 - SPLASH HEAD Vertical, pear Shape

Product Code	Socket joint Size	Cone joint Size	HSN Code
8851619	19/26	19/26	70179090
8851724	24/29	19/26	70179090
8851624	24/29	24/29	70179090
8851629	29/32	29/32	70179090

Quantity :- Standard Packing per Cartoon.



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8852 - SPLASH HEAD SOPING Pear Shape

Product Code	Socket Joint Size	Cone Joint Size	HSN Code
8852619	19/26	19/26	70179090
8852724	24/29	19/26	70179090
8852624	24/29	24/29	70179090
8852629	29/32	29/32	70179090

Quantity :- Standard Packing per Cartoon.



8853 - STEAM DISTILLATION HEADS

Product Code	Socket Joint Size	Cone Joint Size	HSN Code
8853724	24/29	19/26	70179090
8853734	34/35	19/26	70179090
8853834	34/35	24/29	70179090

Quantity :- Standard Packing per Cartoon.



8854 - ADAPTER Straight con with stopcock

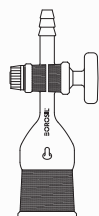
Product Code	Socket Joint Size	Stopcock Bore mm	HSN Code
8854014	14/23	2	70179090
8854019	19/26	2	70179090
8854024	24/29	2	70179090
8854029	29/32	2	70179090
8854034	34/35	2	70179090

Quantity :- Standard Packing per Cartoon.



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8855 - ADAPTER Straight Socket With Stopcock

Product Code	Stopcock Bore mm	Cone joint Size	HSN Code
8855014	2	14/23	70179090
8855019	2	19/26	70179090
8855024	2	24/29	70179090
8855029	2	29/32	70179090
8855034	2	34/35	70179090

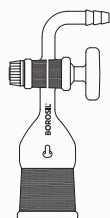
Quantity :- Standard Packing per Carton.



8856 - ADAPTER Bent Cone With Stopcock

Product Code	Stopcock Bore mm	Cone joint Size	HSN Code
8856014	2	14/23	70179090
8856019	2	19/26	70179090
8856024	2	24/29	70179090
8856029	2	29/32	70179090
8856034	2	34/35	70179090

Quantity :- Standard Packing per Carton.



8857 - ADAPTER Bent Socket With Stopcock

Product Code	Stopcock Bore mm	Cone joint Size	HSN Code
8857014	2	14/23	70179090
8857019	2	19/26	70179090
8857024	2	24/29	70179090
8857029	2	29/32	70179090
8857034	2	34/35	70179090

Quantity :- Standard Packing per Carton.



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8861 - THERMOMETER POCKET Long Type

Product Code	Stopcock Bore mm	Cone joint Size	HSN Code
8861014	2	14/23	70179090
8861019	2	19/26	70179090
8861024	2	24/29	70179090
8861029	2	29/32	70179090
8861034	2	34/35	70179090

Quantity :- Standard Packing per Cartoon.



8862 - THERMOMETER POCKET Short Type

Product Code	Stopcock Bore mm	Cone joint Size	HSN Code
8862014	2	14/23	70179090
8862019	2	19/26	70179090
8862024	2	24/29	70179090

Quantity :- Standard Packing per Cartoon.





9800 - ENLARGING CONNECTING ADAPTERS

- Complies with IS 2618, DIN / ISO 4142
- Designed with a round bottom and a rim
- Made thick-walled, mechanically very resistant
- High thermal shock resistance

Product Code	Capacity ml	Approx O.D. x length mm	HSN Code
9800U01	3	10x75	70179090
9800U02	5	12x75	70179090
9800U03	7	12x100	70179090
9800U15	4	13x55*	70179090
9800U04	13	15x125	70179090
9800U05	15	15x150	70179090
9800U06	27	18x150	70179090
9800U07	38	25x100#	70179090
9800U08	55	25x150	70179090
9800U09	70	25x200	70179090
9800U10	100	32x200	70179090
9800U11	170	38x200	70179090

Quantity :- Standard Packing per Cartoon.

* IS : 3740 for tube widal

Not covered in the standards



9801 - TUBE FOR CULTURE COLLECTION

- Designed with a round bottom
- Thick walled and high mechanical resistance
- High thermal shock resistance
- Used for blood and microbial culturing

Product Code	Approx O.D. x length mm	HSN Code
9801UU01	7x127	70179090

Quantity :- Standard Packing per Cartoon.



9820 - TEST TUBES Without Rim

- Complies with IS 2618, DIN / ISO 4142
- Designed with a round bottom and without rim
- Made thick-walled, mechanically very resistant
- High thermal shock resistance

Product Code	Capacity ml	Approx O.D. x length mm	HSN Code
9820U16	1	7x60*	70179090
9820U01	3	10x75***	70179090
9820U02	5	12x75**/**	70179090
9820U03	7	12x100***	70179090
9820U17	8	12x125***	70179090
9820U04	13	15x125	70179090
9820U05	15	15x150	70179090
9820U12	12	16x100***	70179090
9820U18	20	16x150***	70179090
9820U06	27	18x150	70179090
9820U19	25	19x125***	70179090
9820U07	38	25x100#	70179090
9820U08	55	25x150***	70179090
9820U09	70	25x200	70179090
9820U10	100	32x200	70179090
9820U11	170	38x200	70179090

Quantity :- Standard Packing per Cartoon.

- * IS : 3740 - 1966 for DURHAM FERMENTATION
- ** IS : 3740 - 1966 for KAHN & WASSERMAN TEST
- ***IS:3740 - 1966 for BACTERIOLOGICAL TEST
- # Not covered in the standard



9821 - DISSOLUTION TUBES Without Rim

- Designed with flat bottom and without rim
- High thermal shock resistance
- Used for pathological tests and disintegration apparatus

Product Code	Approx O.D. x length mm	HSN Code
9821U42	12x75	70179090
9821U61	18x100	70179090

Quantity :- Standard Packing per Cartoon.



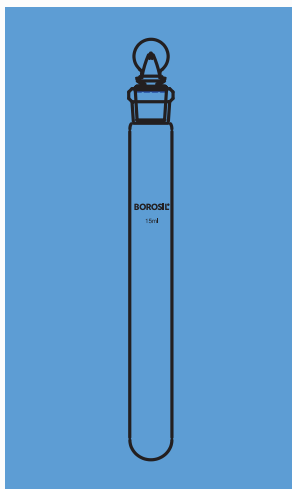


9822 - DISSOLUTION TUBE With Rim

- Designed with flat bottom and with rim
- High thermal shock resistance
- Used for pathological tests and disintegration apparatus

Product Code	Approx O.D. x length mm	HSN Code
9822U04	14x110	70179090
9822U13	16x98	70179090
9822U07	18x55	70179090
9822U08	18x100	70179090
9822U06	18x138	70179090
9822U19	19x103	70179090

Quantity :- Standard Packing per Cartoon.



9829 - TEST TUBE Plain, with I/C Glass Stopper

- Supplied with interchangeable glass stopper
- Made thick-walled, mechanically very resistant
- High thermal shock resistance

Product Code	Capacity ml	Approx O.D. x length mm	Stopper Size	HSN Code
9829006	10	17x160	10/19	70179090
9829007	15	19x150	14/23	70179090
9829008	20	19x160	14/23	70179090
9829010	30	25x155	19/26	70179090
9829012	50	25x200	19/26	70179090
9829016	100	34x210	24/29	70179090

Quantity :- Standard Packing per Cartoon.



9830 - GRADUATED TEST TUBE with I/C Glass Stopper

- Supplied with interchangeable glass stopper
- Graduations in amber enamel
- Made thick-walled, mechanically very resistant
- High thermal shock resistance
- These test tubes are graduated for greater precision

Product Code	Capacity ml	Approx O.D. x length mm	Stopper Size	HSN Code
9830006	10	17x160	10/19	70179090
9830007	15	19x150	14/23	70179090
9830008	20	19x160	14/23	70179090
9830010	30	25x155	19/26	70179090
9830012	50	25x200	19/26	70179090
9830016	100	34x210	24/29	70179090

Quantity :- Standard Packing per Cartoon.

SINCE 1966



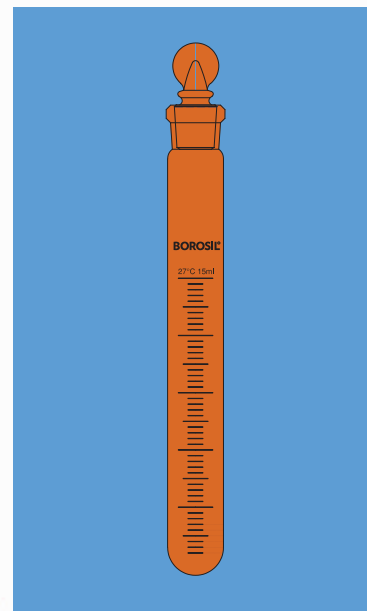


9831 - GRADUATED TEST TUBES With I/C Glass Stopper, Amber

- Supplied with interchangeable glass stopper
- Graduations in white enamel
- Amber coating on exterior surfaces to facilitate use with light sensitive solutions
- Made thick-walled, mechanically very resistant
- High thermal shock resistance
- These test tubes are graduated for greater precision

Product Code	Capacity ml	Approx O.D. x length mm	Stopper Size	HSN Code
9831006	10	17x160	10/19	70179090
9831007	15	19x150	14/23	70179090
9831008	20	19x160	14/23	70179090
9831010	30	25x155	19/26	70179090
9831012	50	25x200	19/26	70179090
9831016	100	34x210	24/29	70179090

Quantity :- Standard Packing per Cartoon.



9835 - COD DIGESTION TUBE

- Made from thick-walled and mechanically resistant borosilicate glass
- Used in COD disintegration

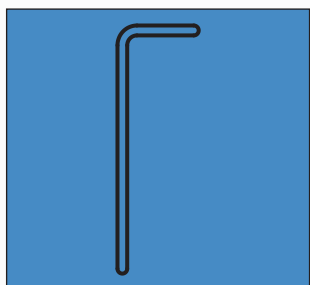
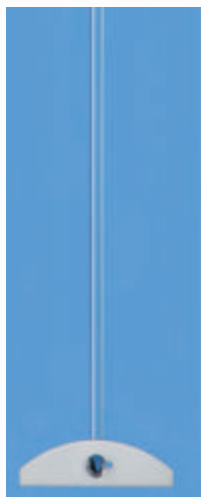
Product Code	Approx O.D. x length mm	HSN Code
9835U01	36x205	70179090
9835001	39x205	70179090

Quantity :- Standard Packing per Cartoon.



Stirrer Rod/Culture Tubes

Stirrers are used in laboratories for mixing of liquids and decanting the supernatants. Stir rods with blade helps in creating some turbulence & allows efficient mixing of solutions. BOROSIL Scientific stirrers are made of 3.3 borosilicate glass and equipped with a chemically inert PTFE blade to maintain the purity of substances while mixing



9850 - GLASS STIRRER ROD

Product Code	Approx O.D. x length mm	HSN Code
9850107	7x150	70179090
9850207	7x205	70179090
9850307	7x255	70179090
9850407	7x305	70179090
9850109	9x150	70179090
9850209	9x205	70179090
9850309	9x255	70179090
9850409	9x305	70179090

Quantity :- Standard Packing per Cartoon.

9860 - GLASS STIRRER ROD With Stirrer Rod

- Provided with chemically inert PTFE blade
- Ideal for very sensitive samples
- Application in synthetic laboratory

Product Code	Shaft Dia x Length mm	Blade Width mm	Socket	Suitable for Flask capacity	HSN Code
9860065	6x450	50	19/26	500ml	70179090
9860071	6x450	75	24/29	1000ml	70179090
9860077	8x600	100	34/35	2000ml	70179090
9860080	8x600	125	34/35	5000ml	70179090
9860081	10x750	150	55/44	10000ml	70179090
9860087	10x750	200	55/44	20000ml	70179090

Quantity :- Standard Packing per Cartoon.

9865 - GLASS L SHAPED SPREADER

- Made of 3.3 borosilicate glass
- Smooth glass surface hence no chances of agar layer disruption while spreading
- Easy to clean and autoclavable at 121°C
- Used for inoculating microbial cultures on agar plates

Product Code	Approx O.D. x length mm	HSN Code
9865683	6x150	70179090

Quantity :- Standard Packing per Cartoon.



9900 - CULTURE TUBES Round Bottom, Clear with PP Cap

- Supplied with polypropylene cap and PTFE Liner (except 150 ml), autoclavable at 121°C
- Designed with special caps to facilitate handling and sealing
- The ideal replacement for media culture bottles

Product Code	Capacity ml	Approx O.D. x length mm	HSN Code
9900005	5	16x75	70179090
9900006	10	16x125	70179090
9900010	30	25x100	70179090
9900012	50	25x150	70179090
9900013	60	25x200	70179090
9900018	150#	38x200	70179090

Quantity :- Standard Packing per Cartoon.

All caps are Polypropylene with PTFE Liner, except 150 ml
Blue colour cap without PTFE liner & autoclavable up to 140°C



9901 - CULTURE TUBES Round Bottom, Amber, with PP cap

- Supplied with polypropylene cap and PTFE Liner (except 150 ml), autoclavable at 121°C
- The uniform amber colour is highly durable and protects light sensitive media and solutions
- Designed with special caps to facilitate handling and sealing
- The ideal replacement for media culture bottles

Product Code	Capacity ml	Approx O.D. x length mm	HSN Code
9901005	5	16x75	70179090
9901006	10	16x125	70179090
9901010	30	25x100	70179090
9901012	50	25x150	70179090
9901013	60	25x200	70179090
9901018	150#	38x200	70179090

Quantity :- Standard Packing per Cartoon.

All caps are Polypropylene with PTFE Liner, except 150 ml
Blue colour cap without PTFE liner & autoclavable up to 140°C



9910 - CULTURE TUBE Flat Bottom, Clear, with PP cap

- Supplied with polypropylene cap and PTFE Liner (except 150 ml), autoclavable at 121°C
- Designed with flat bottom for convenient storage and special caps to facilitate handling and sealing
- The ideal replacement for for Bijou, Mc Caratney and universal bottles

Product Code	Capacity ml	Approx O.D. x length mm	HSN Code
9910005	5	16x50	70179090
9910006	10	25x50	70179090
9910010	15	25x57	70179090
9910012	20	25x72	70179090
9910013	30	25x95	70179090
9910018	50	15x145	70179090





9911 - CULTURE TUBES Flat Bottom, Amber, with PP Cap

- Supplied with polypropylene cap and PTFE Liner (except 150 ml), autoclavable at 121°C
- The uniform amber colour is highly durable and protects light sensitive media and solutions
- Designed with flat bottom for convenient storage and special caps to facilitate handling and sealing
- The ideal replacement for for Bijou, Mc Cartney and universal bottles

Product Code	Capacity ml	Approx O.D. x length mm	HSN Code
9911005	5	16x50	70179090
9911006	10	25x50	70179090
9911007	15	25x57	70179090
9911008	20	25x72	70179090
9911010	30	25x95	70179090

Quantity :- Standard Packing per Cartoon.

9913 - CERTIFIED SAMPLING & STORAGE VIALS

- Made of 5.1 expansion borosilicate glass conforming to USP type I, ASTM E438
- Supplied with high quality polypropylene cap with a PTFE liner, autoclavable at 121°C
- Write on patch for easy labelling and identification
- Complies glass composition and spectral transmission test as per USP chapter 660 USP 40 ad EP 9.0
- Packed in ISO "Class 8" clean room facility
- Supplied in amber and clear form
- Amber colour protects light sensitive materials
- Ideal for storage of working standards, sampling of raw materials, chemical and biological samples



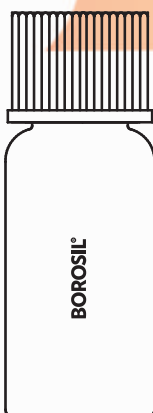
Product Code	Capacity ml	Approx Mouth ID mm	O.D x Length mm	Case Lot	HSN Code
9913003	3	10	13x36	1050	70179090
9913005	5	10	16x55	1050	70179090
9913006	10	16.5	24x50	600	70179090
9913007	15	16.5	24x58	600	70179090
9913008	20	16.5	24x70	600	70179090
9913010	30	16.5	24x95	600	70179090

Quantity :- Standard Packing per Cartoon.

9914 - CERTIFIED SAMPLING & STORAGE VIAL, CLEAR NEW

- Bullet points common for both 9913 and 9914

Product Code	Capacity ml	Approx Mouth ID mm	O.D x Length mm	Case Lot	HSN Code
9914003	3	10	16x36	1050	70179090
9914005	5	10	16x55	1050	70179090
9914006	10	16.5	24x50	600	70179090
9914007	15	16.5	24x58	600	70179090
9914008	20	16.5	24x70	600	70179090
9914010	30	16.5	24x95	600	70179090





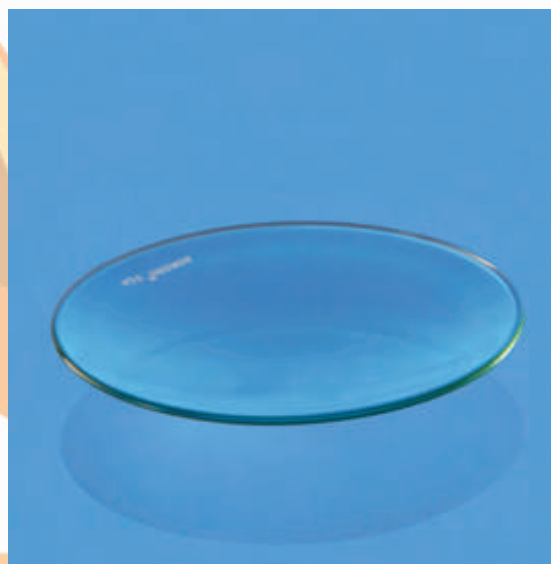
Watch Glass

Watch glasses are used most often in chemical laboratories for different applications such as evaporating liquids, weighing of substances, covers for beakers to prevent contamination. BOROSIL Scientific watch glass is designed with an optimum concave to suit these applications.

9986 - WATCH GLASSES S - Line

- Made of sodalime glass
- A special process is used that results in an absolutely flat curved surface
- High clarity, free of bubbles
- All of them are moulded to the same radius of curvature for convenient stacking

Product Code	Size mm	HSN Code
9986072	80	70179090
9986077	100	70179090
9986079	120	70179090
9986081	150	70179090



SINCE 1966

BOROSIL[®] S-Line

Sintered Ware

Borosil Sintered Glassware is used for filtration of liquids and gases in the laboratory. It has a non-corrosive and reusable porous glass disc as the filter media. It is also used for gas washing, dispersion and absorption.

The Sintered Disc is manufactured by crushing Borosil glass, and then powdering, cleaning and separating it into various mesh sizes, and finally, fusing it together in the form of a Disc. Sintered Discs are classified into 5 grades - G1, G2, G3, G4 and G5. The grades are defined in terms of the maximum pore size that is obtained by measuring the pressure at which the first air bubble breaks away from the filter, under specified conditions. The pressure differential is then used to calculate the equivalent capillary diameters in microns.

The desired pore size is obtained by controlling the grain size, firing time, temperature and thickness of the Disc. Each Disc is tested and graded individually.

The pore diameters are reasonably uniform, which ensures the required flow rate through the filter. The flow rate further depends on the pressure differential between the two sides of the Disc, the free area of the Disc, viscosity of the fluid being filtered, and other factors. There is a fair amount of uniformity in the pore size of different Discs of the same size and grade. Hence, the results from two or more Discs of the same size and grade will be uniform, thereby ensuring reproducible analytical results.

The Discs have maximum surface hardness and hence, the glass powder does not get scraped off while cleaning or with chemicals. The filters do not shed particles during usage.

The Discs are sealed to tubing without blocking the pores. They are then annealed properly in automatically controlled Lehrs.

Chemical Durability Borosil Sintered Ware is manufactured with the same high quality material of which all Borosil brand borosilicate laboratory glassware is made, ensuring excellent resistance to chemical attack.

Operating Pressure Sintered Discs, and the glassware that incorporates them, are designed mainly for the application of vacuum or for passage of gases at relatively low pressure. In all cases, the differential pressure must not exceed 100 KN / m² (15 psi).

Borosil Sintered Crucibles are especially suitable for drying to constant weight. Dry Sintered Crucibles at room temperature, can be placed directly into a drying oven. Sintered Ware may safely be heated in a furnace to 500°C without any adverse effects, while ensuring that the cycle of heating and cooling is gradual. It is recommended that the rate of heating does not exceed 20°C/min. This prevents internal strains caused by excessive temperature differences between the surrounding glass vessel and the Sintered Disc that, in turn, can lead to fracture of the apparatus.

When cold and damp, Sintered Ware of porosity grades 4 and 5 should never be subjected to a sudden temperature change as the evolution of steam may generate pressure within the filter, sufficient to crack it.

Filtration Apparatus should be kept on its rim (stem upwards) in an oven or steriliser. A perforated support base is advantageous for air convection in case of pipeline filters. By using heat insulating material such as asbestos, care should be taken to avoid premature heating near the filter seal. The apparatus should remain in the oven or steriliser during cooling, to prevent excessively fast cooling.

SINTERED WARE Porosity Grades And Their General Use

Porosity Grade	Pore Size (Micron)	General use
1	90-150	Filtration of coarse materials/precipitates, gas dispersion washing extractor bed, support for other materials.
2	40-90	Filtration of medium precipitates gas dispersion, washing
3	15-40	Filtration of fine grain precipitates. analytical work with medium precipitates. Mercury filtration
4	5-15	Analytical work with fine and very fine precipitates. Non return mercury valves.
5	1-2	bacteriological filtration

HSN Code :- 70179090



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Cleaning of Sintered Ware

New Sintered Filters should be washed carefully with hot hydrochloric acid, and then rinsed with distilled water before use. Such treatment ensures that all loose particles are removed from the Filter.

It is advisable to clean all Sintered Filters thoroughly, immediately after use, as cleaning is easiest at this time, and it also reduces the risk of contamination in the next use.

Many precipitates can be removed from the filter by back-flushing with water. However, great care must be taken with large diameters and fine filters, as positive pressures on the reverse side may break the filter.

Under no circumstances should Sintered Apparatus be subjected to mains water pressure when back-flushing, as in most instances this leads to fractured filters.

Drawing water through the filter from the reverse side, by means of a vacuum pump, is also effective.

Filters clogged with dust and dirt during gas filtration can be restored by treatment with warm detergent solution, followed by blowing clean air through, from the clean side of the filter. Dirt particles are brought to the surface by the foam, and removed by rinsing with water.

Some precipitates that clog the filter may be removed by chemical cleaning, as indicated below:

- **Fats and grease**
Carbon tetrachloride or suitable organic solvent
- **Albumen glucose:**
Hot ammonia or hydrochloric acid, mixture of hot concentrated sulphuric and nitric acids
- **Organic substances :**
'Chromic' acid cleaning solution* or concentrated sulphuric acid containing a little potassium nitrate or perchlorate (0.5%) (may need to be soaked overnight)
- **Copper or iron oxide :**
Hot concentrated hydrochloric acid with potassium chlorate.
- **Barium sulphate :**
Hot concentrated sulphuric acid
- **Mercury Residues :**
Hot concentrate nitric acid
- **Mercury Sulphide :**
Hot aqua regia
- **Silver chloride :**
Ammonia or sodium hyposulphite
- **Stannic oxide :**
Boiling sulphuric acid**

Alumina or silica residues :

2% hydrofluoric acid followed by concentrated sulphuric acid. Rinse immediately with distilled water and then with acetone. Continue rinsing until no trace of acid remains.

High concentrations of hydrofluoric acid, hot phosphoric acid or caustic alkali solutions should never be used for cleaning. Using these causes a rapid deterioration in the filter and an increase in pore size.

* For bacteriological, pharmaceutical and biological work, 'chromic' acid cleaning solution should be avoided in view of the biological effect of chromium ions.

** Boiling sulphuric acid may introduce undue thermal strain. It is therefore advisable to leave the item in the acid to cool.



36060 - BUCHNER FUNNEL With Sintered Disc

- Made of 3.3 borosilicate glass
- Especially useful where the filter paper may be attacked by filtered material
- Generally used in qualitative inorganic analysis and preparative chemistry
- Resistant to corrosion and heat

Product Code	Capacity ml	Porosity Grade	Dia mm	Approx Height mm	Stem Dia	HSN Code
3606058	35	1	30	130	8	70179090
3606658	35	2	30	130	8	70179090
3606758	35	3	30	130	8	70179090
3606858	35	4	30	130	8	70179090
3606958	35	5	30	130	8	70179090
3606072	80	1	35	142	8	70179090
3606672	80	2	35	142	8	70179090
3606772	80	3	35	142	8	70179090
3606872	80	4	35	142	8	70179090
3606972	80	5	35	142	8	70179090
3606020	200	1	68	215	13	70179090
3606620	200	2	68	215	13	70179090
3606720	200	3	68	215	13	70179090
3606820	200	4	68	215	13	70179090
3606920	200	5	68	215	13	70179090
3606024	500	1	92	258	17	70179090
3606624	500	2	92	258	17	70179090
3606724	500	3	92	258	17	70179090
3606824	500	4	92	258	17	70179090
3606924	500	5	92	258	17	70179090
3606029	1000	1	124	276	19	70179090
3606629	1000	2	124	276	19	70179090
3606729	1000	3	124	276	19	70179090
3606829	1000	4	124	276	19	70179090
3606929	1000	5	124	276	19	70179090

Quantity :- Standard Packing per Cartoon.



SINCE 1966



32060 - GOOCH CRUCIBLE Low form, with sintered Disc

- Made of 3.3 borosilicate glass
- Particularly adapted to analytical work where precipitates are dried to constant weight at 110°C
- Crucibles should not be subjected to sudden temperature changes
- In order to avoid strain, they should not be removed from the furnace until the temperature has dropped to 250°C
- Gooch Crucible is used for metal casting and analysis

Product Code	Capacity ml	Porosity Grade	Dia mm	Approx Height mm	HSN Code
3206007	15	1	20	50	70179090
3206607	15	2	20	50	70179090
3206707	15	3	20	50	70179090
3206807	15	4	20	50	70179090
3206907	15	5	20	50	70179090
3206010	30	1	30	60	70179090
3206610	30	2	30	60	70179090
3206710	30	3	30	60	70179090
3206810	30	4	30	60	70179090
3206910	30	5	30	60	70179090
3206012	50	1	40	65	70179090
3206612	50	2	40	65	70179090
3206712	50	3	40	65	70179090
3206812	50	4	40	65	70179090
3206912	50	5	40	65	70179090

Quantity :- Standard Packing per Cartoon.

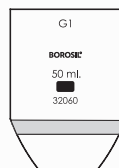
32061 - TUBE FOR GOOCH

- Made of 3.3 borosilicate glass
- Suitable for use with Borosil's Scientific Gooch Crucible with sintered disc

Product Code	Approx O.D. x Length mm	HSN Code
3206127	27x150	70179090
3206136	36x150	70179090
3206156	56x170	70179090

Quantity :- Standard Packing per Cartoon.

- These are suitable for use with our filtering crucibles gooch type with sintered disc. No. 32060 lower part

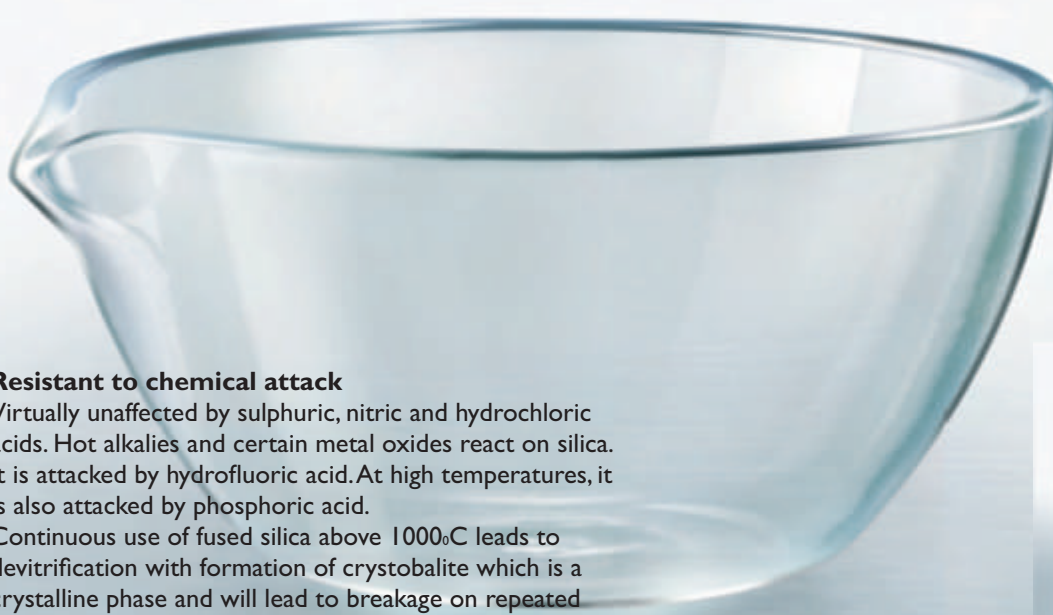


Quartz Ware



Borosil Fused Silica 99.95% SiO₂ surpasses all of the desirable chemical and weathering durability properties usually associated with opaque Silica ware. We manufacture as per IS and BS Standards.

- a) There is little or no visible surface change or damage to silica with prolonged exposure to water, atmospheric gases, contaminants, oxide of nitrogen and ozone.
- b) Attack does occur, on exposure to alkaline solution and acids at very high temperatures.
- c) Low expansion and hence excellent dimensional stability and thermal shock resistance.



Resistant to chemical attack

Virtually unaffected by sulphuric, nitric and hydrochloric acids. Hot alkalis and certain metal oxides react on silica. It is attacked by hydrofluoric acid. At high temperatures, it is also attacked by phosphoric acid.

Continuous use of fused silica above 1000°C leads to devitrification with formation of cristobalite which is a crystalline phase and will lead to breakage on repeated use. For accurate and long use, it is advisable to wash the articles in distilled water and alcohol to remove trace impurities.

Heating fused quartz to elevated temperatures causes SiO₂ to undergo dissociation. Consequently, when flame-working fused quartz, there is a band of haze or smoke which forms just outside the intensely heated region. This haze presumably forms because the SiO₂ recombines with oxygen from the air (and perhaps water) and condenses as extremely small particles of amorphous SiO₂.

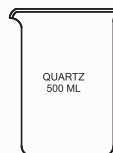


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1002 - QUARTZ LOW FORM BEAKER With Spout

- Beaker with Spout for Clean Pouring
- Dimensional accuracy
- Tough construction
- Durability



Product Code	Capacity ml	Approx O.D. x Length mm	HSN Code
1002009	25	35x45	70171000
1002012	50	40x58	71171000
1002016	100	50x75	70171000
1002018	150	55x88	70171000
1002021	250	70x95	70171000
1002024	500	85x115	70171000
1002029	1000	105x145	70171000

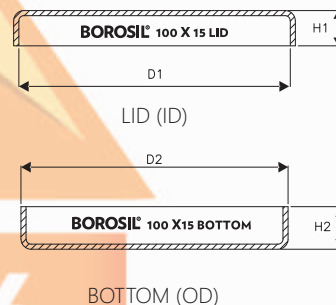
Quantity :- Standard Packing per Cartoon.

3164 - QUARTZ PETRI DISHES **NEW**

- Beaker with Spout for Clean Pouring
- Dimensional accuracy
- Tough construction
- Durability

Product Code	Size mm	LID Approx I.D x Height mm	Bottom Approx O.D x Height mm	HSN Code
3164077	100x17	103x15	100x17	70171000

Quantity :- Standard Packing per Cartoon.

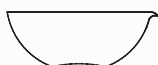


3175 - QUARTZ MUFFLE TRAYS

- Perfect finish
- Sturdiness
- Durability
- Holes: 2/4

Product Code	Capacity ml	Approx O.D. x Length mm	HSN Code
3175041	2 Holes	39	70171000
3175042	4 Holes	76	70171000



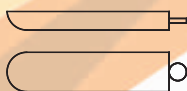


3185 - QUARTZ ROUND DISHES/BASINS With Spout

- Round with Spout
- Perfect finish
- Accurate dimensions
- Longer life span

Product Code	Approx. O.D. x Height mm	Nominal capacity	HSN Code
3185008	55x23	20	70171000
3185042	75x27	45	70171000
3185044	85x35	70	70171000
3185045	95x36	85	70171000
3185016	100x387	100	70171000
3185046	115x47	200	70171000

Quantity :- Standard Packing per Cartoon.

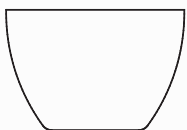


3186 - QUARTZ QUARTZ COMBUSTION BOATS With Handle

- Round with Spout
- Perfect finish
- Accurate dimensions
- Longer life span

Product Code	Approx. O.D. x Height mm	HSN Code
3186Q01	12x77	70171000

Quantity :- Standard Packing per Cartoon.



3190 - QUARTZ CRUCIBLES Without lid

- Accurate dimensions
- Longer life span
- Fine finish
- Sturdiness

Product Code	Capacity ml	Approx. O.D. x Height mm	HSN Code
3190007	15	40x26	70171000
3190009	25	47x30	70171000
3190012	50	57x35	70171000
3190015	80	69x45	70171000
3190018	150	80x54	70171000

Quantity :- Standard Packing per Cartoon.



3191 - LIDS FOR QUARTZ CRUCIBLES (CAT. NO. 3190)

- Accurate dimension
- Longer life span
- Fine finish
- Sturdiness

Product Code	Capacity ml	HSN Code
3191007	15	70171000
3191009	25	70171000
3191012	50	70171000
3191015	80	70171000

Quantity :- Standard Packing per Cartoon.

3195, 3196 & 3197 - QUARTZ VOLATILE MATTER CRUCIBLES

- Dimensional accuracy
- Tough construction
- Durability
- Comes with Lid and Plunger

Product Code	Catalogue No.	Item	Dimension mm	HSN Code
3195041	3195	Crusible	25x38	70171000
3196041	3196	Plunger	12.5	70171000
3197041	3197	Lid		70171000

Quantity :- Standard Packing per Cartoon.

3198 - QUARTZ SILICA TRIANGLES on Nichrome (Translucent)

- Longer life span
- Sturdiness
- Seamless finish

Product Code	Capacity ml	HSN Code
3198007	15	70171000
3198009	25	70171000
3198012	50	70171000
3198015	80	70171000

Quantity :- Standard Packing per Cartoon.

4984 - QUARTZ ERLLENMEYER (CONICAL) FLASK

- Suitable for digestion of samples with concentrated acid (except HF)
- Ideal for estimation of boron in soil
- Withstand sudden heating & cooling

Product Code	Capacity ml	External Dimension	
		O.D. mm	Height mm
4984016	100	64	105
4984018	150	72	124
4984021	250	85	140

HSN Code :- 70171000

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ASIAN SCIENTIFIC INSTRUMENTS

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Ph.: 93930-01939, 90522-23905, 98480-31317, 93472-45096



BOROSIL®
Scientific



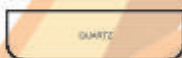
5644 - QUARTZ VOLUMETRIC FLASK

With I/C Quartz Stopper, Class B

- Dimensional accuracy
- Sturdiness
- Durability
- Perfect finish

Product Code	Capacity ml	HSN Code
5644005	5	70171000
5644006	10	70171000
5644009	25	70171000
5644012	50	70171000
5644016	100	70171000
5644021	250	70171000
5644024	500	70171000
5644029	100	70171000

Quantity :- Standard Packing per Cartoon.



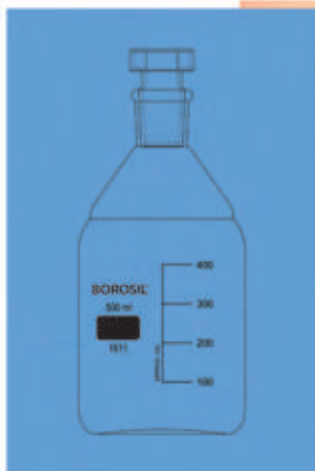
8600 - QUARTZ CIRCULAR CAPSULE

- Suitable for determination of ash content in coal analysis
- Withstand sudden heating & cooling

Product Code	External Dimension		HSN CODE
	Height mm	Diameter mm	
8600Q01	14	48	70171000
8600Q02	15	54	70171000

*The ash content in coal is an important parameter in determining the quality of coal. Ash reduces the calorific value of coals and hence burning coals on a large scale require knowledge of their ash content. Analysis is fairly straight forward, with the coal thoroughly burnt at 750°C to 800°C and the ash material express as a percentage of the original weight. It gives an indication about the quality of coal.

Quantity :- Standard Packing per Cartoon.



1511 - QUARTZ REAGENT BOTTLE

With Hollow Quartz I/C Stopper

Product Code	Capacity ml	Quantity Per Case	HSN CODE
1511024	500	1	70171000

Quantity :- Standard Packing per Cartoon.



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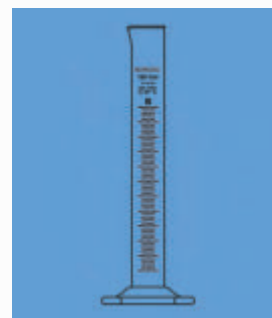


3028 - QUARTZ MEASURING CYLINDER

With Spout, Class B

Product Code	Capacity ml	HSN Code
3028005	5	70171000
3028006	10	70171000
3028009	25	70171000
3028012	50	70171000
3028016	100	70171000
3028021	250	70171000
3028024	500	70171000

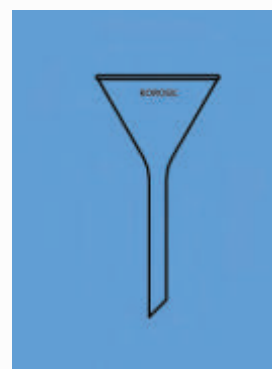
Quantity :- Standard Packing per Carton.



6141 - QUARTZ FILTER FUNNEL, 60°

Product Code	Capacity ml	HSN Code
6141071	75	70171000

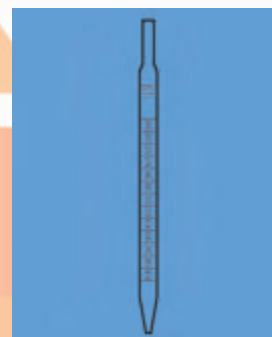
Quantity :- Standard Packing per Carton.



7064 - QUARTZ MOHR GRADUATED PIPETTES, CLASS B

Product Code	Capacity ml	HSN Code
7064P41	1x0.01	70171000
7064P22	2x0.1	70171000
7064P55	5x0.1	70171000
7064P06	10x0.1	70171000

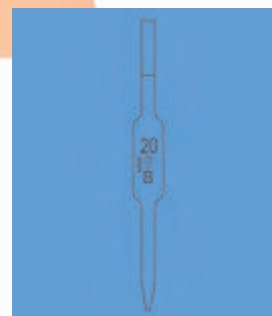
Quantity :- Standard Packing per Carton.



7104 - QUARTZ VOLUMETRIC PIPETTES, CLASS B

Product Code	Capacity ml	HSN Code
7104001	1	70171000
7104002	2	70171000
7104003	3	70171000
7104004	4	70171000
7104005	5	70171000
7104706	6	70171000
7104006	10	70171000

Quantity :- Standard Packing per Carton.





BOROSIL®
Scientific

Microscope Slides & Cover Glasses

Material

Made of sodalime glass with thickness of 1.0 - 1.2mm

Edges

Finely ground edges at 90deg angle which minimizes the risk of cuts when handling the slides

Surfaces

Slide surface is cleaned with water and dried before packing for the perfect smear preparations

Packaging

Packed in a paper box containing silica desiccant to absorb moisture 50 slides per box and 25 boxes per case

Types

Plain

For routine applications

Frosted

For easy labelling with marker



✉ info@asianhyd.com



9100 - MICROSCOPE GLASS SLIDES

- Made from the finest white glass of uniform quality
- Conforms to ISO 8037 standard
- High-precision ground edges on all four sides
- Thin, flat and resistant to corrosion or fogging
- Pre-cleaned and ready to use
- Subjected to strict quality control checks, examined individually and environmentally controlled dry before packaging
- Specially designed for meeting the stringent needs of users
- Free from all visual defects
- Used for routine microscopy applications

Product Code	Description	Dimensions mm L x B x WT
9100P02	Plain, Ground Edges	76 x 26 x 1
9100D01	Double Frosted, Ground Edges	76 x 26 x 1

L : Length x B : Breadth x WT: Wall Thickness

Quantity :- Standard Packing per Carton.
HSN Code : 70171000

9115 - COVER GLASS

- Made from the finest white glass of uniform quality
- Available in both square and rectangular shape
- Cover glass is cut, cleaned, sorted and weighed
- Resistance to corrosion and fogging
- Free from ragged edges, oily film and finger prints
- Packed in reclosable plastic boxes for protection during storage
- Pre cleaned and ready to use
- Subjected to strict quality control checks, examined individually and environmentally controlled to dry before packaging

Product Code	Description	Dimensions mm	HSN Code
9115S01	Square	18 x 18	70109000
9115S02	Square	22 x 22	70109000
9115S03	Square	24 x 24	70109000
9115R01	Rectangular	22 x 40	70109000
9115R02	Rectangular	22 x 50	70109000
9115R03	Rectangular	22 x 60	70109000

Quantity :- Standard Packing per Carton.
HSN Code : 70171000

9100P02 - PLAIN



9100D01 - DOUBLE FROSTED

9115S01 - SQUARE



9115R01 - RECTANGULAR



9115S02 - SQUARE



9115S03 - SQUARE



9115R02 - RECTANGULAR



9115R03 - RECTANGULAR





BOROSIL®
Scientific

Analytical Vials & Closures

“for Labs where
compliance matters”

- 2ml HPLC VIALS/CLOSURES/KIT
- 20ml HEADSPACE GC VIALS/CLOSURES/KIT
- Certified Pre-assembled EPA/TOC VIALS/KIT

Why should I choose BOROSIL vials?

No matter which make of instrument you use, it is critical that your sample is carried in a reliable vial.

Whereas, it is important that vials are made within stringent dimensions in controlled conditions to perform consistently, it is even more critical to a Chemist to be able to confidently rule out the vial as a contributor to an OOS (out of specification) incident.

BOROSIL being a manufacturer of vials, provides a Chemist access to the detailed testing & quality documentation of vials thereby enabling a chemist to investigate root causes effectively.

Borosil vials are manufactured in ISO 15378 (GMP) Certified Plant Under Controlled Conditions Online camera for 100% DIMENSIONAL INSPECTION Class 8 Clean Room packaging to avoid the RISK OF CONTAMINATION

HSN Code : 70109000



✉ info@asianhyd.com



Vial forming Process

On automated machines for
utmost consistency

Quality Assurance



Dimensional Inspection

Online optical inspection to minimize
ensure 100% dimensional and cosmetic
conformance

Annealing Process

Imparts mechanical
strength to the vial

C



Final Inspection and packing

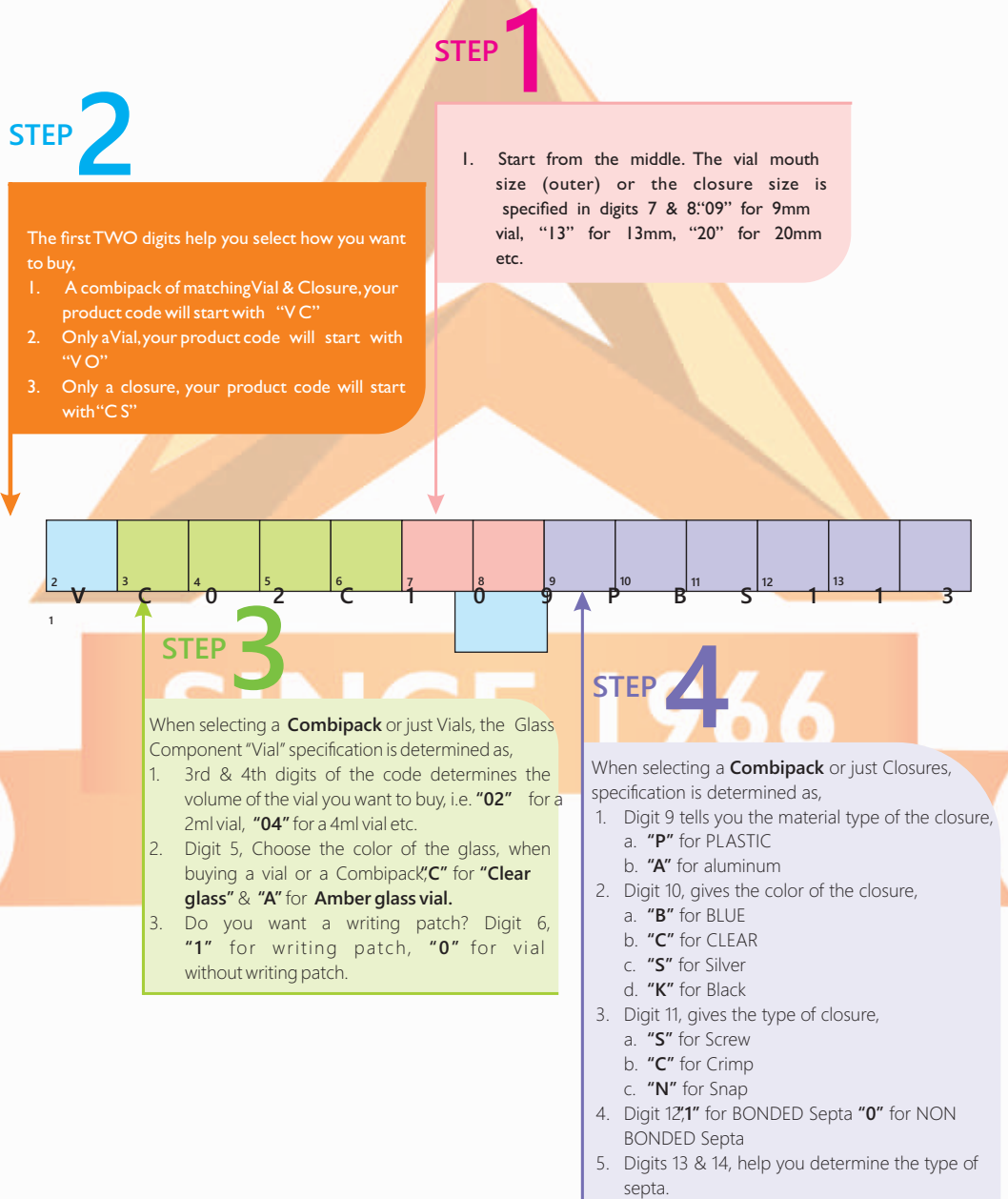
Packed in ISO Certified
Class 8 Clean Room facility with
minimum human intervention

Borosil certified Vials are manufactured in an ISO 9001 certified facility, in accordance with US and European Pharmacopoeia.

Easy ordering!!!

The 14 Digit Code

Whether you choose to buy a combipack that includes or only the vial closure, BOROSIL's 14 digit code makes it very easy in **FOUR** simple steps!



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Glass vials with closures (COMBI PACK)

Product Code	Neck Dia	Septa Feature 1	Graduation with write on patch	Septa Feature 2	Pack Size	Case Lot	List Price Per Pack
9mm Screw Top Clear Vials made from Borosilicate USP Type I 49-Expansion glass with Closure Blue PP Cap PTFE-Silicone Septa							
Vials and matching Closures only the glass vial							
VC02C009PBSI24	9mm	Non Slit	NO	Bonded	100	10 X 100	2700.00
VC02C009PBSI14	9mm	Pre Slit	NO	Bonded	100	10 X 100	2700.00
VC02C109PBSI24	9mm	Non Slit	YES	Bonded	100	10 X 100	2950.00
VC02C109PBSI14	9mm	Pre Slit	YES	Bonded	100	10 X 100	2950.00
VC02C109PBSI13	9mm	Pre Slit	YES	Bonded	100	10 X 100	3600.00
9mm Screw Top AMBER Vials made from Borosilicate USP Type I 54-Expansion glass with Closure Blue PP Cap PTFE-Silicone Septa							
VC02A009PBSI24	9mm	Non Slit	NO	Bonded	100	10 X 100	3150.00
VC02A009PBSI14	9mm	Pre Slit	NO	Bonded	100	10 X 100	3150.00
VC02A109PBSI24	9mm	Non Slit	YES	Bonded	100	10 X 100	3400.00
VC02A109PBSI14	9mm	Pre Slit	YES	Bonded	100	10 X 100	3500.00
VC02A109PBSI13	9mm	Pre Slit	YES	Bonded	100	10 X 100	4100.00
11mm Crimp Top Clear Vials made from Borosilicate USP Type I 49-Expansion glass with Closure Silver Aluminium Crimp PTFE-Silicone Septa							
VC02C011ASC021	11mm	Non Slit	NO	Non Bonded	100	10 X 100	2200.00
VC02C011ASC022	11mm	Pre Slit	NO	Non Bonded	100	10 X 100	2400.00
VC02C111ASC021	11mm	Non Slit	YES	Non Bonded	100	10 X 100	2300.00
VC02C111ASC022	11mm	Pre Slit	YES	Non Bonded	100	10 X 100	2500.00
11mm Crimp Top AMBER Vials made from Borosilicate USP Type I 54-Expansion glass with Closure Silver Aluminium Crimp PTFE-Silicone Septa							
VC02A011ASC021	11mm	Non Slit	NO	Non Bonded	100	10 X 100	2300.00
VC02A011ASC022	11mm	Pre Slit	NO	Non Bonded	100	10 X 100	2500.00
VC02A111ASC021	11mm	Non Slit	YES	Non Bonded	100	10 X 100	2600.00
VC02A111ASC022	11mm	Pre Slit	YES	Non Bonded	100	10 X 100	2750.00

2ml HPLC SAMPLE VIALS & CLOSURES

	CLEAR	AMBER		CLEAR	AMBER	
SCREW NECK			CRIMP NECK			For 9mm Screw Cap Vial
	Height 32 mm Dia 12 mm	Height 32 mm Dia 12 mm		Height 32 mm Dia 12 mm	Height 32 mm Dia 12 mm	For 11mm Screw Cap Vial

VIALS

BOROSIL
Scientific



2ml HPLC SAMPLE VIALS & CLOSURES

Borosilicate USP Type I, 49-Expansion glass vial with Silicone white/PTFE red septa



- 100 % Dimensionally **INSPECTED** & mechanically **STABLE** vial
 - **LOW VOLATILE ORGANIC CARBON** containing PTFE-Silicone septa
 - Suitable for **ROUTINE** analysis
- EASY CAPPING** of vial



SCREW NECK



Glass vials with closures (COMBIPACK)

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Product Code	Neck Dia	Septa Feature 1	Graduation with write on patch	Septa Feature 2	Pack Size	Case Lot
9mm Screw Top Clear Vials made from Borosilicate USP Type I, 49-Expansion glass with Closure Blue PP Cap PTFE-Silicone Septa						
VC02C009PBSI25	9mm	Non Slit	NO	Assembled	100	10 X 100
VC02C109PBSI25	9mm	Non Slit	YES	Assembled	100	10 X 100
9mm Screw Top AMBER Vials made from Borosilicate USP Type I 54-Expansion glass with Closure Blue PP Cap PTFE-Silicone Septa						
VC02A009PBSI25	9mm	Non Slit	NO	Assembled	100	10 X 100
VC02A109PBSI25	9mm	Non Slit	YES	Assembled	100	10 X 100



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2ml HPLC SAMPLE VIALS & CLOSURES

Borosilicate USP Type I, 49-Expansion glass vial with Silicone white/PTFE red sept



- Excellent **SEALING** and **CHEMICAL RESISTANCE** glass vials
- Snap ring caps are **MORE CONVENIENT** in handling(Pushing on/removal)
- **COMPATIBLE** with all make LC/GC analysis
- **EASY CAPPING** of vial



Glass vials with closures (COMBIPACK)

Product Code	Neck Dia	Septa Feature 1	Graduation with write on patch	Septa Feature 2	Pack Size	Case Lot
9mm Crimp Top Clear Vials made from Borosilicate USP Type I 49-Expansion glass with Snap Top Closure Blue PP Cap PTFE-Silicone Septa						
VC02C011PNS011	11 mm	Non Slit	NO	Assembled	100	10 X 100
VC02C111PNS011	11 mm	Non Slit	YES	Assembled	100	10 X 100
9mm Screw Top AMBER Vials made from Borosilicate USP Type I 54-Expansion glass with Snap Top Closure Blue PP Cap PTFE-Silicone Septa						
VC02A011PNS011	11 mm	Non Slit	NO	Assembled	100	10 X 100
VC02A111PNS011	11 mm	Non Slit	YES	Assembled	100	10 X 100



2 ml HPLC CERTIFIED VIALS & CLOSURES

Borosilicate USP Type I, ASTM Class A 33-Expansion glass vial with ultra pure certified septa

- 3.3-Expansion Borosilicate Type I glass vial with **HIGH SILICON, LOW ALKALI** content (SiO₂ 81%, Na₂O 3-3.5%)
- Leak proof Ultra pure certified **CHEMICALLY INERT** PTFE-Silicone septa in the pharmaceutical industrie:
CHEMICALLY HIGHLY RESISTANT glass vial
- **SPECIAL APPLICATIONS**

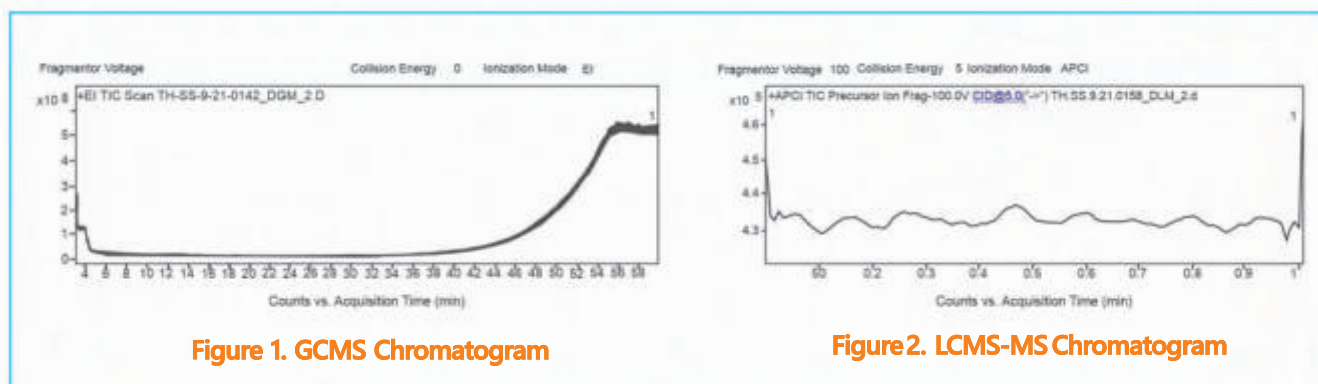


Glass vials with closures (COMBIPACK)

Product Code	Neck Dia	Septa Feature 1	Graduation with write on patch	Septa Feature 2	Pack Size	Case Lot
9mm Screw Top Clear Vials made from Borosilicate USP Type I, ASTM Class A 33-Expansion glass with Closure Blue PP Cap Ultra Pure Certified PTFE-Silicone Septa						
VC02C409PBSUM1	9mm	Pre Slit	YES	Bonded	100	10 X 100
VC02C409PBSUM2	9mm	Non Slit	YES	Bonded	100	10 X 100
9mm Screw Top Clear Vials made from Borosilicate USP Type I, ASTM Class A 33-Expansion glass with Closure Blue PP Cap High Purity PTFE-Silicone Septa						
VC02C409PBS113	9mm	Pre Slit	YES	Bonded	100	10 X 100

HSN Code : 70109000

Extractable study of vials and septa using LCMS-MS and GCMS Techniques



NO EXTRANEIOUS PEAK observed during chromatographic testing of vial & septa



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Ph. : 93930-01939, 90522-23905, 98480-31317, 93472-45096



2 ml HPLC TREATED VIALS & CLOSURES

Borosilicate USP Type I, ASTM Class A TREATED 33-Expansion glass vial with ultra pure certified



- Treated 33-Expansion Borosilicate Type I glass vial with **HIGH SILICON, LOWEST ALKALI** content
 - Reduced the **RISK OF LEACHING** from glass vials
 - **CHEMICALLY INERT** glass vial
- Leaf proof ultra pure certified **CHEMICALLY INERT** PTFE-Silicone septa



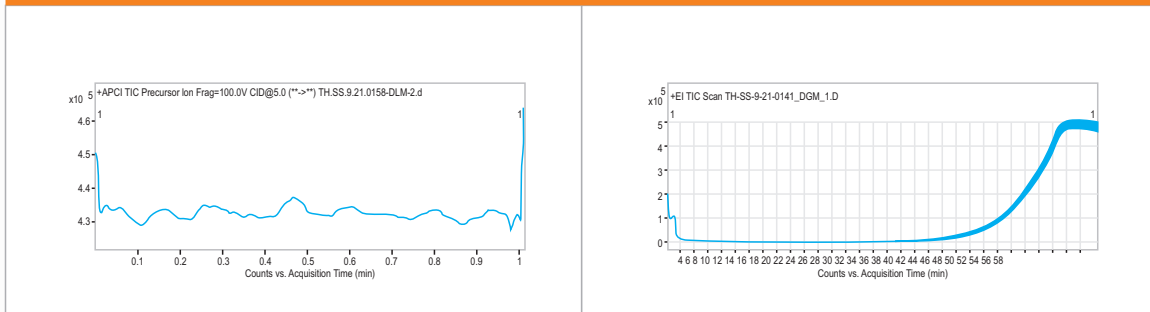
Product Code	Neck Dia	Septa Feature 1	Graduation with write on patch	Septa Feature 2	Pack Size	Case Lot
9mm Screw Top Clear Vials made from Borosilicate USP Type I, ASTM Class A Treated 33-Expansion glass with Closure Blue PP Cap Ultra Pure Certified PTFE-Silicone Septa						
VC02C409PBSUMIT	9mm	Pre Slit	NO	Bonded	100	10 X 100
VC02C409PBSUM2T	9mm	Non Slit	YES	Bonded	100	10 X 100

HSN Code : 70109000

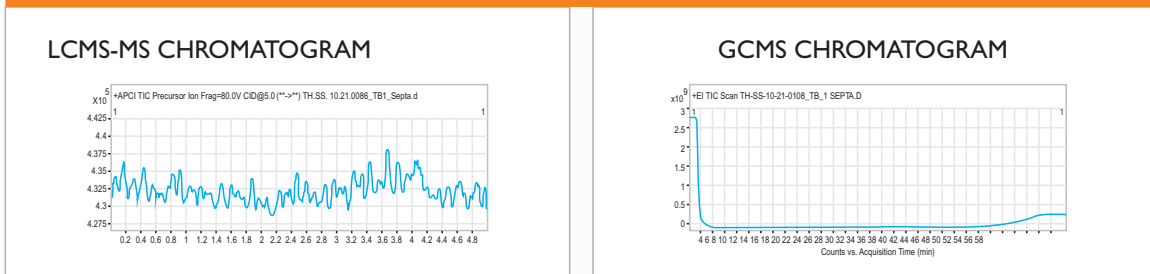
study of vials and septa using LCMS-MS and GCMS techniques

Glass vials with closures (COMBIPACK)

Lowest leaching characteristics glass vials



Lowest leaching characteristics septa

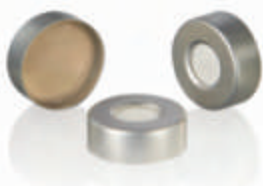


VIALS

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Colour	Cap MOC	Top	Septa Mount	Septa MOC	Feature
Silver	Aluminum	Open	Friction	Silicone	Ultra Clean



Glass vials with closures (COMBIPACK)

Product Code	Neck Dia	Septa Feature 1	Graduation with write on patch	Septa Feature 2	Pack Size	Case Lot	HSN Code
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20mm Crimp Top Clear Vials made from Borosilicate USP Type I 49-Expansion glass with Closure Silver Aluminium Crimp PTFE-Silicone Septa

VC20R120ASC04I	20mm	Non Slit	YES	Non Bonded	100	5 X 100	70109000
VC20F120ASC04I	20mm	Non Slit	YES	Non Bonded	100	5 X 100	70109000

Only Glass Vials

Clear Vials made from Borosilicate USP Type I glass

Product Code	Volume	Vial Colour	Graduation with write on patch	Neck Dia	Neck Type	Glass Detail	Special Feature 1	Pack Size	Case Lot	HSN Code
VO02C00900S000	2ml	Clear	NO	9mm	Screw	49 Expansion	–	100	10 X 100	70109000
VO02A00900S000	2ml	Amber	NO	9mm	Screw	54 Expansion	–	100	10 X 100	70109000
VO02C10900S000	2ml	Clear	YES	9mm	Screw	49 Expansion		100	10 X 100	70109000
VO02A10900S000	2ml	Amber	YES	9mm	Screw	54 Expansion		100	10 X 100	70109000
VO02C01100C000	2ml	Clear	NO	11mm	Crimp	49 Expansion		1	10 X 100	70109000
VO02A01100C000	2ml	Amber	NO	11mm	Crimp	54 Expansion		10	10 X 100	70109000
VO02C11100C000	2ml	Clear	YES	11mm	Crimp	49 Expansion		1	10 X 100	70109000
VO02A11100C000	2ml	Amber	YES	11mm	Crimp	54 Expansion		10	10 X 100	70109000
VO20R12000C000	20ml	Clear	YES	20mm	Crimp	49 Expansion	Round Bottom	100	5 X 100	70109000
VO20F12000C000	20ml	Clear	YES	20mm	Crimp	49 Expansion	Flat Bottom	100	5 X 100	70109000
VO06CF2000C000	6ml	Clear	NO	20mm	Crimp	49 Expansion	Flat Bottom	172	1 X 172	70109000
VO06AF2000C000	6ml	Amber	NO	20mm	Crimp	54 Expansion	Flat Bottom	172	1 X 172	70109000

*Only Closures are available on request. MOQ 500 PKTS



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HPLC Inlet Filters



Borosil HPLC Inlet filters are designed to provide optimal performance and prevent contamination. This filters act as a shield, protecting the system and prolonging its lifespan.

- Made of high-quality 316 L sintered stainless steel
- Controlled porosity to selectevely retain particles
- Excellent chemicals and corrosion resistance
- Compatible with most HPLC systems & tubing sizes
- Bubble point tested to verify pore size and integrity for every lot of production

Product Code	Description & Dimensions	Filter rating	Case Lot	List Price Per Pack	HSN code
SIFBSSSW1001	SS316L-SS 316-SLIP ON-1/8" solvent filter, single step, filter rating: 10 micron, size: 126425, MOC:SS 316L / SS 316L, 1/8" Slip-on	10 um	100	On Request	70109000
SIFBSSSS1002	SS316L-SS316 push fit PTFE, solvent filter, singal step, filter rating 10 micron, size 126-425, MOC-SS316L, Push Fit PTFE	10 um	100	On Request	70109000
SIFBSSSU1003	SS316L-SS316 Step Tube Fit,solvent filter, singal step, filter rating 10 micron, size 126-425, MOC-SS316L, Step Tube Fit	10 um	100	On Request	70109000

* 2micron Filter rating also available on request , MoQ exists

All filters are for intended application use only

Universal Slip on 1/8

Push Fit PTFE Solvent Filter

Step Tube Fit Solvent Filter



Note: Use metal filters only with compatible solvents and avoid contact with corrosive chemicals.

VIALS

BOROSIL
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40 ml EPA / TOC COMBIPACK



Glass vials with closures (COMBIPACK)

Product Code	Neck Dia	Vial Colour	Septa Feature 1	Graduation with write on patch	Neck Dia	Special Feature 2	Pack Size	Case Lot	HSN code
24mm Screw Top Clear Vials made from Borosilicate USP Type I with Closure White PP Cap Open Top Certified Bonded PTFE-Silicone Septa									
VC40C124POS111	24mm	Clear	Non Slit	YES	Silicone PTFE	Non Bonded	72	1 X 72	70109000
VC40A124POS111	24mm	Amber	Non Slit	YES	Silicone PTFE	Non Bonded	72	1 X 72	70109000

SAMPLING & STORAGE VIALS



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Product Code	Capacity ml	Approx Mouth ID in mm	Dimension O.D. x Length in mm	Case Lot (MOQ)	HSN code
9913003	3	10	16 x 36	1050	70109000
9913005	5	10	16 x 55	1050	70109000
9913006	10	16.5	24 x 50	600	70109000
9913007	15	16.5	24 x 58	600	70109000
9913008	20	16.5	24 x 70	600	70109000
9913010	30	16.5	24 x 95	600	70109000



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Analytical Vials & Closures

Special Applications in Base Sensitive Drugs

- Low leached “GLASS” elements
- Chemically Inert
- High Transparency
- Mechanically stable
- High Silicon, Low Alkali
- 100% Dimensional Inspection
- Leak Proof Ultra Pure Certified PTFE-Silicone Septa
- Packed in Class 8 Clean Room
- Process Cleanliness Assurance
- Pre-slit septa for assay piercing
- Low VOC's Level Septa
- High Resealability

Made from Borosilicate USP Type I,
ASTM Class A 33-Expansion glass

“for Labs where
compliance matters”

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Laboratory Accessories

For safer experiments

- TONGS
- CLAMPS
- CLAMP WITH BOSSHEADS
- BURETTE CLAMPS
- PLASTIC CLAMPS FOR JOINTS
- RETORT RING
- RETORT BASE
- ROD FOR RETORT BASE
- TEST TUBE STAND
- TEST TUBE HOLDER
- BURNER
- SPATULAS
- FORCEPS
- WIRE GAUGE
- TRIPOD





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SUPER MARKET FOR LAB ITEMS

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TONGS FOR BEAKERS & FLASKS

- Made of stainless steel
- Used to handle hot beakers & flasks
- Provided with silicon sleeves or in fibre glass yarn to resist direct flame

Product Code	Discription	Size Inches	HSN Code
LATG8888B10	Beaker tong	10	90330000
LATG8888B12	Beaker tong	12	90330000
LATG8888F10	Flask tong	10	90330000
LATG8888F12	Flask tong	12	90330000

Quantity :- Standard Packing per Cartoon.



TONGS FOR CRUCIBLE

- Made of Stainless Steel
- Used to handle hot crucibles

Product Code	Discription	Size Inches	Case Lot no.	HSN Code
LACT8888006	Crucible tong with bow stainless steel	6	6	90330000
LACT8888008	Crucible tong with bow stainless steel	8	6	90330000
LACT8888010	Tong crucible, S.S.	10	6	90330000
LACT8888012	Crucible tong with bow stainless steel	12	6	90330000

Quantity :- Standard Packing per Cartoon.



CLAMPS

- Available in Zinc & Aluminium diecasted
- It is coated with LEAD-FREE powder coating & fitted with brass screw which makes it totally RUST-FREE CLAMP
- Two & three finger clamp jaws can be covered with PVC sleeves
- Two & four finger clamp has cork lined jaws holds upto 90 mm articles
- It is provided with 8 mm diameter & 150 mm long Stainless Steel(Grade 201)rod

Product Code	Discription	Case Lot no.	HSN Code
L AFC8888Z02	Two finger clamp, Zinc pressure die casted	10	90330000
L AFC8888AD3	Three finger clamp, Aluminium pressure die casted	10	90330000
L AFC8888ZD4	Four finger clamp, zinc pressure die casted	10	90330000
L AFC8888AD4	Four finger clamp Aluminium pressure die casted	10	90330000

Quantity :- Standard Packing per Cartoon.



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CLAMPS WITH BOSSHEAD

- Available in Zinc & Aluminium diecasted
- It is coated with LEAD-FREE powder coating & fitted with brass screw which makes it totally RUST-FREE CLAMP
- Two & three finger clamp jaws can be covered with PVC sleeves
- Two & four finger clamp has cork lined Jaws holds upto 90 mm articles
- With adjustable bosshead attached clamp length can be vary, can be rotated 360° and locked at any angle



Product Code	Description	Case Lot No.	HSN Code
L AFC8888Z03	Two finger clamp (zinc PDC) adjustable bosshead	12	90330000
L AFC8888A03	Three finger clamp (Aluminium PDC) with adjustable bosshead	12	90330000
L AFC8888Z04	Four finger clamp (zinc PDC) adjustable bosshead	12	90330000
L AFC8888A04	Four finger clamp (Aluminium PDC) with adjustable bosshead	12	90330000

Quantity :- Standard Packing per Cartoon.

UNIVERSAL CLAMPS

- Single Burette / Test Tube Clamp made of stainless steel Jaws & Aluminium bosshead
- Round jaws are covered with PVC coating
- Opens from 15 mm to 45 mm in Diameter
- Clamps attaches to rods up to 13 mm in diameter. Threaded rod and wing nut adjust clamp angle and overall length from 13 cm to 15 cm

Product Code	Description	Case Lot No.	HSN Code
L ABC8888SCI	Single Burette clamp, PVC coated jaws stainless steel	12	90330000
L ABC8888S01	Single Burette clamp, PVC uncoated jaws, stainless steel	12	90330000

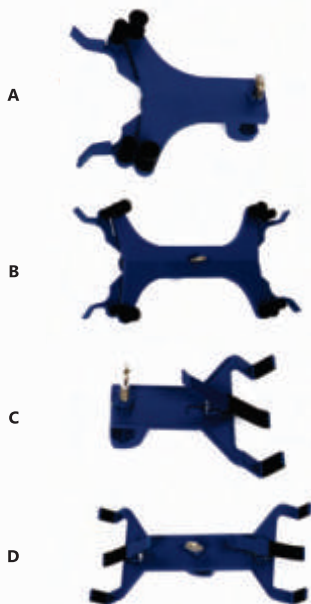
Quantity :- Standard Packing per Cartoon.

BURRETE CLAMPS

- Single / Double Burette clamp is made of Aluminium die casting
- Feature black PVC sleeves for firm gripping of burettes.
- This adjustable burette clamp is suitable for all burettes up to 100 ml which are held in place by the high pressure created by the springs yet allows easy operations without damaging the glassware

Product Code	Description	Case Lot No.	HSN Code
L ABC8888B01	Single burette clamp, Aluminium PDC Fig.A	6	90330000
L ABC8888A02	Double burette clamp, Aluminium PDC Fig.B	6	90330000
L ABC8888AEI	Single burette clamp, Aluminium PDC (eco.) Fig. C	6	90330000
L ABC8888AE2	Double burette clamp, Aluminium PDC (eco.)	6	90330000

Quantity :- Standard Packing per Cartoon.



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BOSSHED

- Bosshead made of Zinc & Aluminum pressure die casted
- It can hold a rod upto 16 mm diameter at 90° angle and Swivel bosshead rotate at 360° angle
- It is coated with LEAD-FREE powder coating & fitted with Nickel plated thumb screw

Product Code	Description	Case Lot No.	HSN Code
LABH8888RBL	Regular bosshead zinc fig.A	12	90330000
LABH8888OBL	Round bosshead zinc PDC fig.B	12	90330000
LABH8888JBL	Jumbo bosshead Aluminium	12	90330000
LABH8888SBL	Swivel bosshead zinc PDC fig.D	12	90330000

Quantity :- Standard Packing per Cartoon.



RETORT RING

- Strong circular mild steel ring with 6 mm diameter stem
- Open bosshead fitted with thumb screw to accept rods from 8 mm to 15 mm diameter

Product Code	Description	Sizes in Inches	Case Lot No.	HSN Code
LARR8888003	Retort ring with bosshead	3	6	90330000
LARR8888004	Retort ring with bosshead	4	6	90330000

Quantity :- Standard Packing per Cartoon.



RETORT BASE

- Superior Heavy duty steel alloy stand with rubber lining on a shorter side gives extra stability
- With lead-free powder coating

Product Code	Description	Sizes in Inches	Case Lot No.	HSN Code
LARB8888H06	Retort base, Heavy	6"x4"	6	90330000
LARB8888H08	Retort base, Heavy	8"x5"	6	90330000
LARB8888H10	Retort base, Heavy	10"x6"	6	90330000

Quantity :- Standard Packing per Cartoon.



ROD FOR RETORT BASE

- With stainless steel Grade 201

Product Code	Description	Approx. O.D x Height mm	Case Lot No.	HSN Code
LARS8888500	Retort Rod (SS Grade 201)	12x500	2	90330000
LARS8888600	Retort Rod (SS Grade 201)	12x600	2	90330000
LARS8888750	Retort Rod (SS Grade 201)	12x750	2	90330000

Quantity :- Standard Packing per Cartoon.



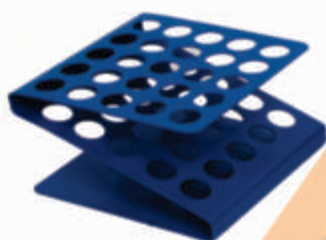
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TEST TUBE STAND

- It is made of Aluminum sheet, Z type, new design, single piece fabrication
- One row of holes of 30 mm diameter, the second row of holes of 25 mm diameter and third row of hole of 16 mm diameter
- This aluminium Z shape design is Coated with lead free powder coating make it corrosion resistant

Product Code	Description	Case Lot No.	HSN Code
LATS8888H19	Z' Shape Test tube stand Aluminium, 19 hole assorted	6	90330000
LATS8888H25	Z' Shape Test tube stand, 25 hole for 16mm tube	6	90330000

Quantity :- Standard Packing per Cartoon.

TEST TUBE HOLDER

- A pair of spring strip of hard rolled stainless steel, mounted in wooden handle in cross-scissor shape, and accepts tubes of diameter 12-43 mm.
- Overall length about 225mm

Product Code	Description	Case Lot No.	HSN Code
LATH8888000	Test tube holder, cross pattern, Stainless steel	24	90330000

Quantity :- Standard Packing per Cartoon.



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BURNERS

- Bunsen Burner 13mm/11mm ideal for use with natural gas and L.P.G.
- Nickel-plated brass burner tube with Rotatable air regulator
- Enamelled Zinc pressure die casted base
- Base diameter 80 mm

Product Code	Description	Case Lot No.	HSN Code
LABR8888Z11	Bunsen burner, zinc PDC base with 11mm brass pipe for L.P.G fig.A	2	90330000
LABR8888Z13	Bunsen burner, zinc PDC base with 13mm brass pipe for L.P.G fig.B	2	90330000
LABR8888013	Burner, sheet metal base with 13 mm pipe, for L.P.G fig. C	2	90330000

Quantity :- Standard Packing per Cartoon.





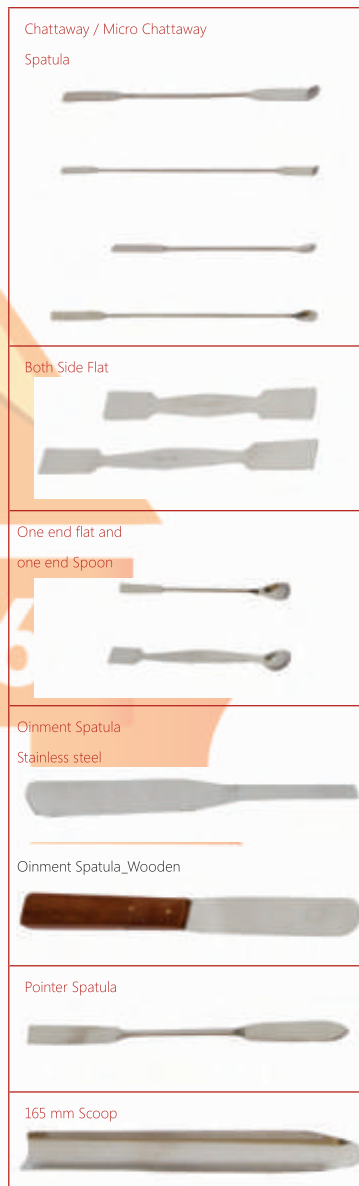
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SPATULAS

- Made of stainless steel grade 202
- Spatulas are used for measuring solids moving objects and scraping material out of beakers

Product Code	Description	Sizes in Inches	Case Lot No.	HSN Code
LACS8888006	Chattaway Spatula	6	20	90189022
LACS8888008	Chattaway Spatula	8	20	90189022
LACS8888C08	Micro Chattway Spatula	8	20	90189022
LASL8888M06	Micro Scoop	6	10	90189022
LACS8888SM6	Semi Micro Spatula	6	10	90189022
LASL8888075	Big Spoon Spatula	7.5	10	90189022
LASL8888009	Big Spoon Spatula	9	10	90189022
LASP8888B06	Both Side fat	6	20	90189022
LASP8888B08	Both Side fat	8	20	90189022
LASP8888004	one end flat & other spoon	4	50	90189022
LASP8888006	one end flat & other spoon	6	50	90189022
LASP8888008	one end flat & other spoon	8	50	90189022
LASP8888010	one end flat & other spoon	10	50	90189022
LASP8888012	one end flat & other spoon	12	50	90189022
LASO8888V04	Ointment Spatula	4	10	90189022
LASO8888V06	Ointment Spatula wooden	6	10	90189022
LATG8888S06	Ointment Spatula S.S	6	10	90189022
LASL8888P06	Pointer Spatula	6	10	90189022
LASC8888165	165mm Scoop	6.5	10	90189022
LASL8888510	Big Spoon Spatula	10	10	90189022



Quantity :- Standard Packing per Cartoon.

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FORCEPS POINTED

Product Code	Description	Case Lot No.	HSN Code
LAFP8888004	Forceps, Pointed dissecting, 4"	10	90330000
LAFP8888005	Forceps, Pointed dissecting, 5"	10	90330000
LAFP8888006	Forceps, Pointed dissecting, 6"	10	90330000

FORCEPS PTFE POINTED

Product Code	Description	Case Lot No.	HSN Code
LAFPP8888004	Forceps, PTFE, Pointed end, 4"	10	90330000
LAFPP8888006	Forceps, PTFE, Pointed end, 6"	10	90330000

FORCEPS BLUNT DISSECTING

Product Code	Description	Case Lot No.	HSN Code
LAFB8888005	Forceps, Blunt dissecting, 5"	10	90330000
LAFB8888006	Forceps, Blunt dissecting, 6"	10	90330000
LAFB8888008	Forceps, Blunt dissecting, 8"	10	90330000

FORCEPS PTFE BLUNT

Product Code	Description	Case Lot No.	HSN Code
LAFBP8888004	Forceps, PTFE, Blunt end, 4"	10	90330000
LAFBP8888006	Forceps, PTFE, Blunt end, 6"	10	90330000

WIRE GAUGE

Product Code	Description	Case Lot No.	HSN Code
LAWG8888C05	Wire Gauge with Ceramic center 5" x 5"	10	90330000
LAWG8888C06	Wire Gauge with Ceramic center 6" x 6"	10	90330000

TRIANGULAR TRIPOD

Product Code	Description	Case Lot No.	HSN Code
LATT8888200	Triangular Tripod, SS, 200 x 125 mm	2	90330000



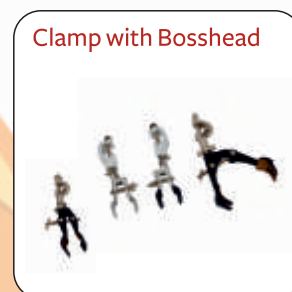
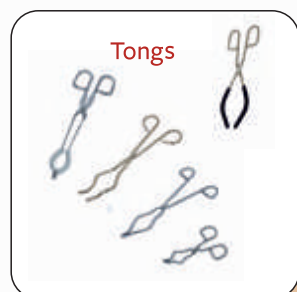


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Laboratory Accessories

For safer experiments



LABORATORY FILTER MEDIA

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for Accurate Analysis and Consistent Results



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Borosil Filter Papers are made in collaboration with Hahnemühle - the pioneers in speciality papers since 1883! The papers contain upto 98% alpha cellulose, the most stable form of cellulose in paper pulp, hence making the papers highly stable and durable. To ensure batch to batch uniformity and consistency in filtering performance, no recycled materials are used in the manufacturing processes. Very low ash content (Lowest value 0.004%) aid the laboratory professionals in accurate quantitative analysis with minimal errors. Made in Germany, the manufacturing processes and product specifications are compliant to the stringent European QC standards, guaranteeing the users finest quality filter papers.

QUALITATIVE FILTER PAPERS
ASHLESS QUANTITATIVE FILTER PAPERS
HARDENED ASHLESS FILTER PAPERS
GLASS FIBRE FILTER PAPERS
CELLULOSE AND GLASS FIBRE THIMBLES

Qualitative

Filter Papers

Highly pure filter paper (approx. 0.08% ash)
recommended for qualitative analysis in laboratories.





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Scientific

SPATULAS

High Purity Qualitative filter papers for routine laboratory filtration

- Filter papers for precise identification of materials and for sample preparation prior to sensitive detection method
- Made of refined cotton linters and cellulose
- Filter papers having >98% alpha cellulose, thereby ensuring highest stability and higher durability

Applications

- Recommended for precise identification of materials and for sample preparation prior to sensitive detection methods.
- Particle separation in Juices, Wine and other beverages production
- Qualitative analysis of milk and milk products.
- Sample preparation for water analysis
- Qualitative analysis of soil, fertilizer, animal feed

Technical Data

Grade	Sample	Speed	Retention Rate	Filtration Herzberg(s)	Thickness	Weight [g/m ²]
B59501	Medium fine precipitates	Medium fast thin	4-7	160	0.15	68
B59702	Medium-fine, crystalline precipitates	Medium fast	4-7	155	0.18	85
B59303	Fine precipitates	Medium Slow	2-5	450	0.17	84
B60404	Coarse precipitates	Fast	12-25	50	0.19	79

* Approximate values.

** Measured with 100mm water column of 50mm

APPLICATIONS



Agriculture



Food



Chemicals

and many more...

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LABORATORY FILTER MEDIA

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Ordering info

Filter Paper circles

Product Code	Size (dia in mm)	Pack Size	HSN Code
FPB595010070	70	100	48232000
FPB595010090	90	100	48232000
FPB595010110	110	100	48232000
FPB595010125	125	100	48232000
FPB595010150	150	100	48232000
FPB595010185	125	100	48232000
FPB595010240	240	100	48232000
FPB597020070	70	100	48232000
FPB597020090	90	100	48232000
FPB597020110	110	100	48232000
FPB597020125	125	100	48232000
FPB597020150	150	100	48232000
FPB593030070	70	100	48232000
FPB593030090	90	100	48232000
FPB593030110	110	100	48232000
FPB593030125	125	100	48232000
FPB593030150	150	100	48232000
FPB604040047	47	100	48232000
FPB604040055	55	100	48232000
FPB604040070	70	100	48232000
FPB604040090	90	100	48232000
FPB604040110	110	100	48232000
FPB604040125	125	100	48232000
FPB604040150	150	100	48232000
FPB604040185	185	100	48232000
FPB604040240	240	100	48232000
FPB604040320	320	100	48232000

Quantity :- Standard Packing per Cartoon.

FILTER PAPER SHEETS

Product Code	Size of sheets cm	Pack Size	HSN Code
FPB595014657	46*57	100	48054000
FPB597024657	46*57	100	48054000
FPB593034657	46*57	100	48054000
FPB594044657	46*57	100	48054000

Quantity :- Standard Packing per Cartoon.



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Finest Quality Filter Papers

Accurate and Consistent Filtration, ALWAYS with BOROSIL

Borosil filter papers are made in collaboration with Hahnemühle - the pioneers in speciality papers since 1883! The papers contain upto 98% alpha cellulose, the most stable form of cellulose in paper pulp, hence making the papers highly stable. To ensure batch to batch uniformity and consistency in filtering performance, no recycled materials are used in the manufacturing processes. Very low ash content (Avg value 0.004%) aid the laboratory professionals in accurate quantitative analysis with minimal errors. Made in Germany, the manufacturing processes and product specifications are compliant to the stringent European QC standards, guaranteeing the users finest quality filter papers.



borosilfilters.com



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Hahnemühle

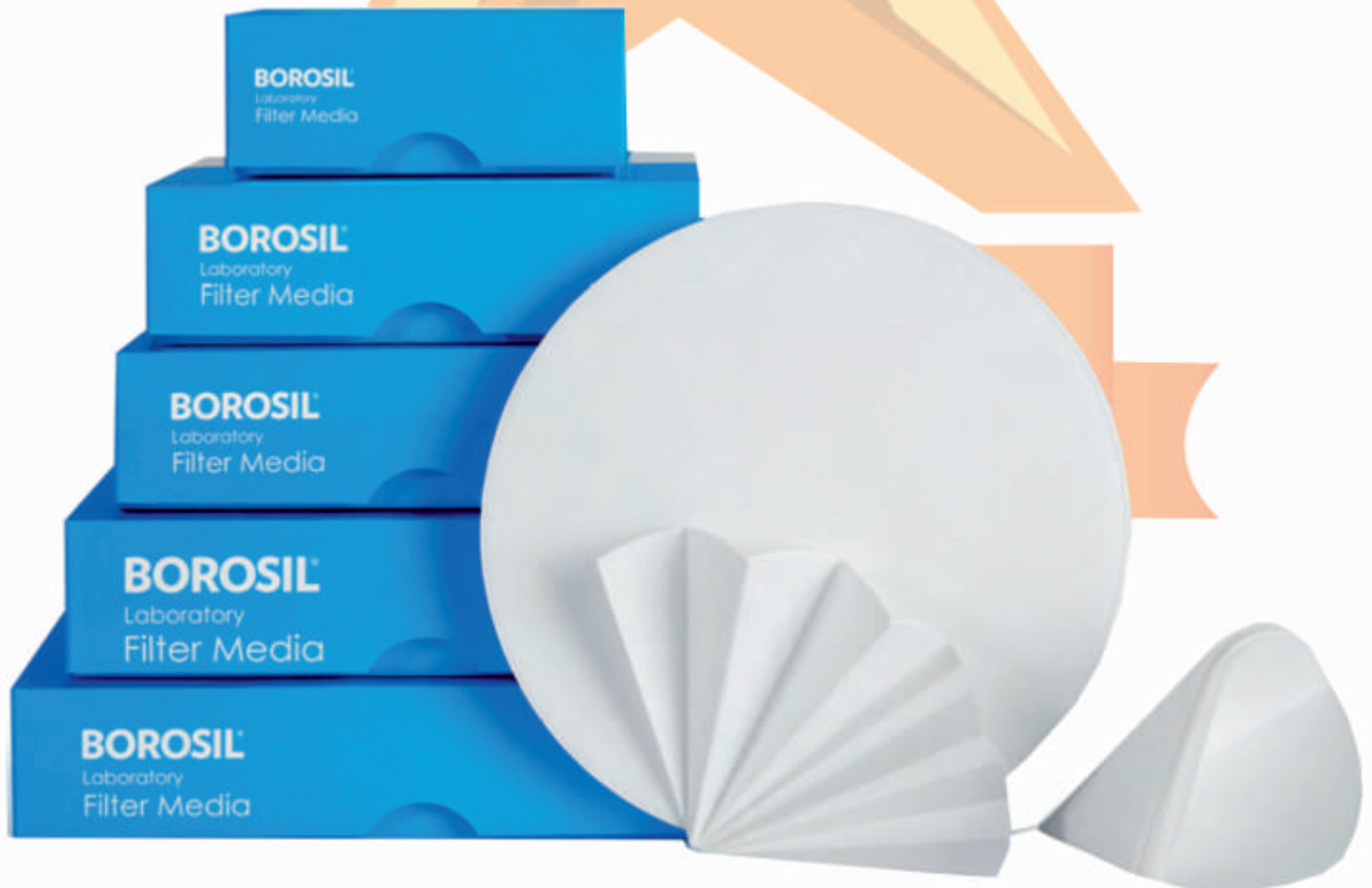


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Ashless Quantitative Filter Papers

Ashless filters (avg ash content 0.004 %) for quantitative analysis, routine gravimetric tests and sample preparation for instrumental analysis.





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BOROSIL
Scientific

Quantitative Filter papers

Ashless quantitative filter papers for precise gravimetric tests, quantitative analysis of elements and sample preparation for instrumental analysis.

- Lowest ash content - 0.004%
- Made of refined cotton linters and cellulose
- Free of minerals and metallic ions, hence ideal for the detection of metallic ions
- Filter papers having >98% alpha cellulose, thereby ensuring high stability and higher durability

Applications :

- Determination and quantification of elements in soil, fertilizer, animal etc
- Gravimetric analysis in food products like milk and milk products, sugar, meat and meat products
- Quantitative analysis of elements in chemicals, pharmaceuticals, cement industry, food products etc
- Analysis of oil for its components
- Water analysis

Applications



Cement



Chemicals



Food

And Many More...

Applications :

Grade	Sample	Speed	Retention Rate*	Filtration Herzberg	Thickness mm	Weight [g/m ²]	Avg Ash content
B58940	Fine crystalline precipitates	Medium	2-4	450	0.17	84	0.004%
B58941	Coarse & gelatinous precipitates	Fast	12-25	50	0.19	79	0.004%
B58942	Very fine crystalline precipitates	Slow	<2	750**	0.16	84	0.004%
B58943	Coarse precipitates	Medium Fast	4-12	140	0.18	85	0.004%
B58944	Fine crystalline precipitates	Slow thin	2	900	0.15	74	0.004%

Quantity :- Standard Packing per Carton.

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LABORATORY FILTER MEDIA

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Ordering Info Filter Paper Circles

Product Code	Size (Dia in mm)	Pack Size	HSN Code
FPB589400070	70	100	48232000
FPB589400090	90	100	48232000
FPB589400110	110	100	48232000
FPB589400125	125	100	48232000
FPB589400150	150	100	48232000
FPB589400185	185	100	48232000
FPB589400240	240	100	48232000
FPB589410070	70	100	48232000
FPB589410090	90	100	48232000
FPB589410110	110	100	48232000
FPB589410125	125	100	48232000
FPB589410150	150	100	48232000
FPB589410185	185	100	48232000
FPB589420055	55	100	48232000
FPB589420070	70	100	48232000
FPB589420090	90	100	48232000
FPB589420110	110	100	48232000
FPB589420125	125	100	48232000
FPB589420150	150	100	48232000
FPB589430012	12.7	1000	48232000
FPB589430125	125	100	48232000
FPB589440090	90	100	48232000
FPB589440110	110	100	48232000
FPB589440125	125	100	48232000
FPB589440150	150	100	48232000
FPB589440185	185	100	48232000

Quantity :- Standard Packing per Cartoon.

FILTER PAPER SHEETS

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Product Code	Size (Dia in mm)	Pack Size	HSN Code
FPB589404657	46*57	100	48054000
FPB589414657	46*57	100	48054000
FPB589424657	46*57	100	48054000

Quantity :- Standard Packing per Cartoon.



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Did you know that around 90% of the errors in experiments are due to inaccurate chemical measurements?

It's time to take your experiments to the next level !

Laboratory Bottle Top Dispensers

are designed to measure reagents with **precision** and **accuracy** along with its exceptional chemical resistance.

SMART

RUGGED

PRACTICAL

DIY
DO IT YOURSELF
Re-Calibration



LABQUEST
BY BOROSIL®

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Without recirculation



With recirculation



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In technical collaboration with

Hahnemühle



Hardened Ashless

Filter Papers for quantitative analysis :

Hardened ashless filters (ash content approx. 0.003%), especially recommended for filtration applications requiring vacuum and pressure filtration, and for the use of acidic and alkaline solutions.



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HARDENED ASHLESS FILTER PAPERS

Hardener ashless quantitative filter papers for quantitative & gravimetric analysis high pressure or aggressive chemicals

- Avg ash content 0.003%
- Very high wet strength; hence easy to scrap off or wash off precipitates
- Hardened by small quantities of nitrogen-containing resin, which does not introduce significant impurities into the filtrate
- High resistance to aggressive chemical components, like sulphuric and nitric acids (up to 40 % at 50 ° Celsius) and alkalis (up to 10 % at 20 ° Celsius)
- Made of super-refined cotton linters and cellulose with alpha cellulose content more than 98%, hence higher stability and higher durability

Applications

- Gravimetric determination of metals in acidic/alkaline solutions.
- Quality control of chemicals
- Gravimetric analysis in oil refinery
- For analytical applications, routine quantitative and /or gravimetric procedures

Technical Data :

Grade	Sample	Speed	Retention Rate*	Filtration Herzberg	Thickness mm	Weight [g/m ²]	Avg Ash content
B15540	Fine crystalline precipitates	Medium	4-12	170	0.16	90	0.003%
B15541	Coarse crystalline precipitates	Fast	12-25	50	0.17	88	0.003%
B15542	Very fine crystalline precipitates	Slow	≤	600**	0.14	90	0.003%

Quantity :- Standard Packing per Cartoon.

* Approximate values,

** Measured with 100mm water column instead of 50mm.

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FILTER CIRCLES Ordering Info

Product Code	Size (Dia in mm)	Pack Size	HSN Code
FPB155400125	125	100	48232000
FPB155400150	150	100	48232000
FPB155410125	125	100	48232000
FPB155420125	125	100	48232000
FPB155420150	150	100	48232000

Quantity :- Standard Packing per Cartoon.

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In technical collaboration with

Hahnemühle



Glass Fiber

Filter Papers

100% micro borosilicate glass fibres for specific applications
in environmental analysis



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Glass Fibre Filters

Made of 100% micro-borosilicate glass fibres, these filters are recommended for air & water pollution analysis.

- Chemically stable in acidic solutions (except hydrofluoric acid) and alkaline solutions in moderate concentrations
- Extremely low metal content
- Maintains its properties up to 500°C
- High flow speed and high permeability to air

Applications

- Ambient air monitoring
- Determination of suspended particles (SPM and TSP) in air
- Monitoring of anthropogenic atmospheric emissions
- Gravimetric analyses of organic and inorganic contaminants in water and waste water



Air Testing

Technical Data :

Type	Air permeability	Retention Rate % NaCl- Particle Size < 1um***	Filtration Gurley [s]	Weight [g/m ²]	Thickness	Max T [°C]	Retention Range
BGF50A	25	99.97	19	56	0.29	500	1-3
BGF52C	54	99.995	25	54	0.28	500	1-3

Quantity :- Standard Packing per Cartoon.

*** as per DIN 53887**

** Air resistance at 400cm² A - 10cm²

*** Tested with NaCl particles size < 1 um, main fraction at 0.3 to 0.5 um

Ordering Info

Product Code	Size (Dia in mm)	Pack Size	HSN Code
FPBGF50A0037	37mm dia	100	70197100
FPBGF50A0047	47mm dia		
FPBGF0A203254	203*254mm sheet (8*10 inches)	100	70197100
FPBGF52C0047	47mm dia	100	70197100
FPBGF52C0125	125mm diameter	100	70197100

Quantity :- Standard Packing per Cartoon.



Water Testing

And Many More....



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THIMBLES

Cellulose & Glass fibre thimbles for extraction of components

- Extraction thimbles to be used in your regular soxhlet apparatus based applications
- Consistent, high porosity of thimbles ensuring a rapid flow rate
- Made of cellulose or glass fibre based on application

Applications - Cellulose thimbles

- Extraction of fatty, greasy materials in foodstuffs, paints, varnishes etc
- Extraction of active agents from pharmaceuticals and plastic softening agents
- Analysis of pesticide waste, polyaromatic carbohydrates and dioxins in foodstuffs.
- Determination of oil content in oil-bearing seeds

Applications - Glass Fibre thimbles

- Extraction of solvents which are incompatible with cellulose fibres
- Gravimetric collection of dust particles or aerosols from hot air and gas flows
- Extraction during special biochemical analysis

Ordering Info

Product	Material	Wall Thickness mm	Weight gsm	Air permeability
Cellulose Thimble	100% cellulose without binder	1.6	2.7	25
Glass Fibre thimble	100% micro-glass fibre without binder	1.3	3	15

Quantity :- Standard Packing per Cartoon.

Ordering Info

Product Code	Description	Size Inner dia x height	HSN Code	Pack Size
FPBCTH01990	BCTH 19x90mm Cellulose	19x90	48237090	25
FPBCTH022080	BCTH 22x80mm Cellulose	22x80	48237090	25
FPBCTH022100	BCTH 22x100mm Cellulose	22x100	48237090	25
FPBCTH025080	BCTH 25x80mm Cellulose	25x80	48237090	25
FPBCTH025100	BCTH 25x100mm Cellulose	25x100	48237090	25
FPBCTH028100	BCTH 28x100mm Cellulose	28x100	48237090	25
FPBCTH033080	BCTH 33x80mm Cellulose	33x80	48237090	25
FPBCTH033100	BCTH 33x100mm Cellulose	33x100	48237090	25
FPBGFTH01990	BGFTH 19x90mm Glass Fibre	19x90	70197100	25

Quantity :- Standard Packing per Cartoon.



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LABORATORY EQUIPMENTS

LabQuest by Borosil are products that meet Borosil's high standards of reliability, performance and value. All products are backed by Borosil's robust service and after sale support.

Manufacturers of
Laboratory Equipment

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- KJELDHAL SYSTEM
- COD DIGESTERS
- FAT DETERMINATION APPARATUS
- UV VISIBLE SPECTROPHOTOMETER
- WATER DISTILLATION UNITS
- CONTROLLED HEATING MANTLES
- STIRRERS
- CHILLER
- LABWARE DRYER
- DRY BATH
- VORTEX MIXERS
- CENTRIFUGE
- MICROPIPETTES
- SHAKERS
- VACUUM PUMP
- OVERHEAD STIRRERS
- BOTTLE TOP DISPENSERS
- DIGITAL BURETTE





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Magnus Digester

Automatic Kjeldahl Digestion unit with 8/12/20 position aluminium heating block that offers excellent thermal homogeneity & stability



Technical Data & Ordering Information

Model Name	KBD083	KBD123	KBD203
Type	Block Digester	Block Digester	Block Digester
No. of Positions	8	12	20
Tube capacity ml		250/400	
Temperature Range		Ambient to 470°C	
Timer Range		1-300 mins	
Temperature Precision		±1°C	
Ramp & Hold		upto 4	
Presets		upto 50, editable	
Auto scrubber ON/OFF		yes	
PID Control		yes	
Auto Lift		yes	
Auto OFF after achieving set time		yes	
Temperature calibration		yes, single & two point	
PC & Printer Connectivity		yes, Upgradable	
Display		Graphical LCD	
Body	Stainless steel with control pannel of FRP		
Current Consumption	6A	8A	12A
Dimensions (WxDxH)	(416x554x595)mm		(410x585x735)mm
Power Consumption	1400W	1600W	2800W
HSN Code		84198990	
Ordering Code	BLFAKBD08300000000	BLFAKBD12300000000	BLFAKBD20300000000

Quantity :- Standard Packing per Carton.

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Oracle Digester

Kjeldahl Digestion unit with 6/8/12 position aluminium heating block that offers excellent thermal homogeneity & stability

Technical Data & Ordering Information

Model Name	KBD062	KBD082	KBD122
Type	Block Digester	Block Digester	Block Digester
No. of Positions	6	8	12
Tube capacity ml		250	
Temperature Range		Ambient to 470°C	
Timer Range		1-300 mins	
Temperature Precision		±1°C	
Ramp & Hold		upto 4	
Presets		upto 50, editable	
Auto scrubber ON/OFF		yes	
PID Control		yes	
Auto Lift		yes	
Auto OFF after achieving set time		yes	
Temperature calibration		yes, single & two point	
PC & Printer Connectivity		yes	
Display		Graphical LCD	
Body		Stainless steel with control pannel of FRP	
Current Consumption	6A	6A	8A
Dimensions (WxDxH)	(410x585x735)mm	(410x585x735)mm	
Power Consumption	1400W	1600W	
HSN Code		84198990	
Ordering Code	BLFAKBD06200000000	BLFAKBD0820000000	BLFAKBD12200000000

Quantity :- Standard Packing per Cartoon.



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Optional Accessories

Description	Ordering Code
Viton Rubber Tube - 10mm ID × 14mm OD – 1Mtr	BLA0VRT10D0014DBLK
Teflon Fume Cap ACCS (Case Lot – 01 No)	BLAAFUT100PTFEI65I
KBD062 Fume Extractor	BLAAKBD06230000000
KBD080 Fume Extractor Glass ACCS	BLA0FUTKBD080D25I0
KBD082 Fume Extractor	BLAAKBD08230000000
KBD083 Fume Extractor ACCS	BLAAKBD08330000000
KBD123 Fume Extractor ACCS	BLAAKBD12330000000
KBD200 Fume Extractor Glass ACCS	BLA0FUTKBD200D25I0
KBD203 Fume Extractor ACCS	BLAAKBD20330000000
KBD062 Cooling Tray	BLAAKBD06170000000
KBD082 Cooling Tray ASM ACCS	BLAAKBD08250000000
KBD123 Cooling Tray ASM ACCS	BLAAKBD12350000000
KBD203 Cooling Tray ASM ACCS	BLAAKBD20350000000
KBD062 Test Tube Holder ACCS	BLAAKBD06220000000
KBD082 Test Tube Holder ACCS	BLAAKBD08220000000
KBD083 Test Tube Holder ACCS	BLAAKBD08320000000
KBD122 Test Tube Holder ACCS	BLAAKBD12200000000
KBD123 Test Tube Holder ACCS	BLAAKBD12320000000
KBD203 Test Tube Holder ACCS	BLAAKBD20320000000
250 ml Borosilicate Test Tube ASM (Case lot-5)	BLMATTB01041250000
400ml Borosilicate Test Tube ASM (Case lot-5)	BLAATTB01050400001
Quartz Test Tube 250ml ASM (Case lot-2)	BLGATTQ01041250000

Quantity :- Standard Packing per Cartoon.

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Fume Scrubber

Safe, zero exposure & high capacity
fume scrubber for Kjeldahl digestion systems



Technical Data & Ordering Information

Model Name	KSC010	KSC020
Current	1A	1A
Pump delivery	28 Ltr/Min	45 Ltr/Min
Dimensions(WxDxH)	(445x375x460)	
HSN Code	84198990	
Ordering Code	BLFAKSC01000000000	BLFAKSC02000000000

Quantity :- Standard Packing per Carton.

Optional Accessories

Model Name	Ordering Code
Silicon Transt Tube - 8MMIDx10MMOD - 1Mtr	BLA0STT8D00012TRNP
Viton Rubber Tube - 10MMIDx14MMOD - 1Mtr	BLA0VRT10D0014DBLK
Clear Braided PVC Hose pipe ACSS	BLOPIPPVC0HOS00CB
2L Reagent bottle - 1500030 ASM	BLA0BGW10001500030
KSC 020 Condenser V2 ASM	BLAAFUTV2KSCCD2932
KSC 010 Consenser V3 ACSS	BLAAFUTV3KSCCD2932
KSC Carbon Bottle ASM	BLAAACRB02020018000

Quantity :- Standard Packing per Carton.



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Kjeldahl

Magnus Distillation System with Autotitrator

NEW PRODUCT



Smart, efficient distillation systems for labs

now available with Inbuilt Autotitration

Excellent features with high reliability and advance performance.

Technical Data & Ordering Information

Model Name	KDI060	Model Name	KDI060
Residue drain	Automatic	Titration Type	pH base
Display	7" colored touch screen	Water Addition	Automatic
Tube Capacity (ml)	250 / 400ml	Distillation Residue Removal	Automatic
Steam power regulation (Adjustable)	10 to 100%	Titration Cleaning Vessel	Automatic
Minimum distillation time (mins)	5	Detection Limit	0.1ml
Reagent level sensor	Yes	Analysis time	upto 1min
Anytime alkali addition	Yes	Titration Residue Removal	Automatic
Tube error detection	Yes	Boric Acid Addition	Automatic
Door close sensor	Yes	Burette Resolution	0.03ml/drop
Process resume from stop	Yes	Power Supply	230V/50Hz
One point alkali and distilled water pump	Yes	Current Consumption	10A
Two point calibration for acid pump	Yes	Power Consumption	1800 W
Real time monitoring of process parameter	Yes	Dimension (L × B × H) mm	(480 × 470 × 820) mm
SELV protection	Yes	HS Code	84198990
Programs	40 preset, 10 user editable	Ordering code	BLFAKDI06000000000
PC Connectivity	Yes		
Nitrogen recovery	>99.5%		
Nitrogen reproducibility	0.01	Price / Piece	On Request
RSD	<1%		
LOD	I-200mg with of = 0.1mg of Nitrogen		

Quantity :- Standard Packing per Cartoon.

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Kjeldahl

Magnus Distillation System

Smart, efficient distillation system for labs.
Excellent features with high reliability & advance performance

Technical Data & Ordering Information

Model Name	KDI050
Steam addition	Automatic
Distilled water addition	Automatic
Alkali addition	Automatic
Boric acid addition	Automatic
Tube Drain	Automatic
Display	7" colored touch screen
Tube capacity ml	250/400ml
Steam power(Adjustable)	10-100 %
Minimum distillation time(mins)	5
Reagent level sensor	yes
Anytime alkali addition	yes
Tube error detection	yes
Door close detection	yes
Process resume from stop	yes
One point alkali & distilled water pump	yes
Two point calibration for acid pump	yes
Real time monitoring of process parameter	yes
SELV protection	yes
Programs	40 preset, 10 user editsble
PC Connectivity	yes
Nitrogen recovery	>99.5%
Nitrogen reproducibility	±1%
RSD	<1%
LOD	1-200mg with of = 0.1mg of Nitrogen
Current Consumption	10A
Power consumption	1500W
Dimensions (LxBxH) mm	(480x470x820) mm
HSN Code	84198990
Ordering Code	BLFAKD105000000000

Quantity :- Standard Packing per Cartoon.



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BOROSIL®
Scientific

Kjeldahl Oracle Distillation System

Smart, efficient distillation systems
primary for kjeldahl analysis with
simple and reliable features.



Technical Data & Ordering Information

Model Name	KDI040
Steam addition	Automatic
Distilled water addition	Automatic
Alkali addition	Automatic
Boric acid addition	Automatic
Display	LCD
Tube capacity ml	250/400ml
Steam power(Adjustable)	25-100 %
Minimum distillation time(mins)	5
Reagent level sensor	yes
Anytime alkali addition	yes
Tube error detection	yes
Door close detection	yes
Process resume from stop	yes
One point alkali & distilled water pump	yes
Two point calibration for acid pump	yes
Real time monitoring of process parameter	yes
SELV protection	yes
Programs	40 preset, 10 user editible
PC Connectivity	yes
Nitrogen recovery	>99.5%
Nitrogen reproducibility	±1%
RSD	<1%
LOD	1-200mg with of = 0.1mg of Nitrogen
Current Consumption	5.5A
Power consumption	1000W
Dimensions (LxBxH) mm	(650x350x725) mm
HSN Code	84198990
Ordering Code	BLFAKD10400000000

Quantity :- Standard Packing per Cartoon.

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Accessories

Magnus kjeldahl Distillation/Oracle Kjeldahl Distillation

Optional Accessories

Description	Ordering Code
Silicon Transt Tube-8mmidx10mmod-1 mtr	BLA0STT8D00012TRNP
Clear Braided PVC Hose Pipe ACCS - 1 mtr	BLA0P1PPVC0H0S00CB
KDI PTFE Tube - 10mm OD x 08mm ID - 1 mtr	BLA0TUB000PTFE1008
KDI FLOW SWITCH ASM ACCS	BLAAKDI05010000001
KDI Drip Tray ASM	BLA0KDI000DRP0TRAY
Oven Mittes - KDI ASM	BLA0OVM000KD100000
Kdi PP Jerry Can ACCS	BLA0JCNPP00000005L

Quantity :- Standard Packing per Cartoon.





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Kjeldahl Classical Distillation Unit

Safe, simple, efficient distillation systems for labs



Technical Data & Ordering Information

Model Name	CKD015	CKD065
No. of positions	1	6
Flask Capacity	500 ml Kjeldahl Flask, Also compatible with 800ml kjeldahl Flask	
Element Temp.	450°C	
Temp. regulators	1	6
Display	LED Display with time, safe temp. & process status	
Timer	1-999 Minutes	
Power consumption	150W	900W
Electrical regulation	0.65A	3.9A
HSN Code:	84198990	
Ordering Code	BLFACKD01500000000	BLFAKD06500000000

Quantity :- Standard Packing per Cartoon.

Accessories

Description	Ordering Code
Graham Condenser 200mm Hacket ACCS	BLA0BGW200KJDLGHM0
CLASICAL KJELDAHL SPLASH HEAD - 2429 ACCS	BLA0KSH24291926CKJ
CKD065 with Stand ASM (Entire assembly without glass parts)	BLAACKD06500000000
CKD015 with Stand ASM (Entire assembly without glass parts)	BLAHCKD01510000000

Quantity :- Standard Packing per Cartoon.

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Alcohol Distillation Unit

- Smart way to analyse alcohol content in sample
- Quick distillation saves time
- A chiller gives effective condensation & helps Detect close to accurate alcohol content.

Technical Data & Ordering Information

Model Name	KDI040
Tube capacity ml	250ml/400ml
Steam addition	Automatic
Display	24x7 LCD
Cooling water flow rate sensor	Yes
Drip tray	Yes
Visual reagent level warning	Yes
Steam power	Adjustable
Steam output regulation	25-100%
Maximum distillation time (min)	20 Mins
Tube error detection	Yes
Door close sensor	Yes
Control button	Rotary push button
Dimensions (WxDxH)	(380x350x725)mm
Current consumption (A)	5.5A
Power consumption (W)	1000w
Voltage	230-50/60 Hz
HSN Code	84198990
Ordering Code	BLFAKD10400000000

Quantity :- Standard Packing per Cartoon.

Technical Data & Ordering Information

Model Name	CHL010
Tank capacity	10L
Tank size (LxWxD) mm	(325x265x200) mm
Cooling capacity	1000 W
Pump flow rate	12.5 LPM
Display	LED
Temp. stability	±1.0°C
Temp. Range	-10 to ambient
Hsn Code	84198990
Ordering Information	BLFRCHL01000000000

Quantity :- Standard Packing per Cartoon.



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Fat Determination by Soxhlet Extraction

Delivering classical solutions with modernized approach for fat extraction



Technical Data & Ordering Information

Model Name	SOX012	SOX015	SOX062	SOX065
Positions	1	1	6	6
Flask Capacity ml	250	500	250	500
Extractor capacity ml	100	200	100	200
Display Timer			1-999 MIN	
Dimension (WxDxH) mm	200x300x800		1050x300x800	
Weight (Kgs)	7		15	
Power (W)	400W		2400W	
HSN Code	84198990			
Ordering Code	BLFRSOX 1020000000	BLFRSOX 0150000000	BLFRSOX 0620000000	BLFRSOX 0650000000

Quantity :- Standard Packing per Carton.

Accessories

Description	Ordering Code
SOX012 with Stand ASM (Entire assembly without glass parts)	BLAASOX01210000000
SOX015 with Stand ASM (Entire assembly without glass parts)	BLAASOX01510000000
SOX062 with Stand ASM (Entire assembly without glass parts)	BLAASOX06200000001
SOX065 with Stand ASM (Entire assembly without glass part)	BLAASOX06500000001
SOXHLET 100ml Extractor	BLAOSOXEXT10044327
SOXHLET 200ml Extractor	BLAOSOXEXT20048394
SOXLET condenser for 100ml EXT V2 ACCS	BLAOCON000SOX100V2
SOXLET condenser for 200ml EXT V2 ACCS	BLA0CON000SOX200V2

Quantity :- Standard Packing per Carton.

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SUPER MARKET FOR LAB ITEMS



Rapid Fat Analyser

**NEW
PRODUCT**

- Rapid fat extractor with benchmarking features of auto solvent Recovery, Boiling & Rinsing process
- Individual operating positions
- Up to 2 times faster than traditional method
- Water flow detection for condenser
- Smooth condenser lifting operation
- Easy to remove condenser for cleaning

Technical Data & Ordering Information

Model Name	FAS060
No. of positions	6
Sample size	0.5gm to 10gm
Recovery of solvent	80-90%
Limit of detection	0.1% to 100%
Heating profile	Energy regulator 1 to 10
Display	7" touch screen
Water flow sensor	yes
Beaker solvent capacity	150 ml
Condenser	Seal Vilton (FKM)
Chiller water temp	10-15°C
Heater temp range	280°C
Recovery bottle capacity	2 Liter
Flow Cut off sensor`	Yes
Vacuum pump flow rate	380L/hr
power supply	230V 50-60Hz
Current Consumption	5.2 A
Power Consumption	1200W
Dimensions (LxBxH) mm	(B40x430x600) mm
HSN Code	84198990
Ordering Code	BLFRFAS0600000000

Quantity :- Standard Packing per Carton.

Accessories

Description	Ordering Code	Pack Size
33x80mm Cellulose Thimbles	FPBCTH6033080	6
Thimble holder	BLAMFAS06010000020	6
Beaker 55mm Dia ACCS	BLA0F AS060BKR55124	6
FAS060 RANDALL Condenser ACCS	BLA0FAS060CON56326	1

Quantity :- Standard Packing per Carton.

Quantity :- Standard Packing per Carton.



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Rapid Fiber Analyser

NEW PRODUCT

- Fiber bag spacer method to increase throughput
- Automatic agitation using radial flow stirrer for maximum efficiency
- Non - Pressurized system for user safety
- Buzzer alert upon process completion
- Drop in coupling to ensure perfect head to base fit
- Compact design reducing bench space
- Performs Crude Fiber, ADF, ADL and NDF determinations
- Use a fat extral for to defat sample before fiber analysis



Technical Data & Ordering Information

Model Name	MFB008
No. of positions	8
Sample Size	0.5-3gm
Measuring Range	0.1-100%
Drop in coupling	Yes
Fiber Bag Material	Nylon
Agitation	Automatic
Stirrer type	Radial flow stirrer
Beaker volume	3 L
Reagent required per process (acid & alkali)	1.5 Liter
Power supply	200-240V 50 - 60Hz
Current Consumption	4A
Total Power Consumption	750 Watts
Dimensions (LxBxH)mm	(235x370x644) mm
HSN Code	84198990
Ordering Code	BLFAMFB00B00000000

Quantity :- Standard Packing per Cartoon.

Accessories

Description	Ordering Code	Pack Size
MFB008 Fiber Filter Bag ACCS	BLAAMFB008CRC00000	50
MFB008 50ml Crucible with Crucible LID ACCS	BLAAMFB008CRULIDAC	1
MFB008 Crucible Tray ACCS	BLAAMFB008CRCTRYAC	1
Mfb008 CRUC Tray with Crucible & LID ACCS	BLAAMFB008CRCLIDAC	1
MFB008 Glass Spacer ACCS	BLAAMFB008I0000004	2
MFB008 Insert Rack ACCS	BLARMFB008I1000000	1

Quantity :- Standard Packing per Cartoon.

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Moisture Analysis

**NEW
PRODUCT**

- Ultra-fast and uniform halogen heating
- Increased capacity of 60gm
- Mono-tech sensor for accurate results
- User Friendly Interface
- Different Drying Modes for variety of application

Technical Data & Ordering Information

Model Name	Mb63
Readability	0.001
Repeatability (Sd) for initial sample wt. = 2gm	0.10%
Repeatability (Sd) for initial sample wt. = 10gm	0.03%
Units of measurements	%M, &D, %R (Ratio, Gm/ltr, %M Atro, %D Atro)
Data Storage	Last 1000 moisture determination results
Max. Sample Weight	60gm
Min. sample Weight	0.2gm
Readability	0.001gm
Technology	Halogen
Temp. Range	30-175°C (Optional 250°C)
Temp. Increment	1°C
Switch off criteria	Auto manual, user def weight/ user def % Unit/Time, Intelligent
Auto Method development	Intelligent
Method memory	40
Batch memory	100
Method Designation	Alpha Numeric
Serial number	Yes
Display	Graphical display with LED backlight
Data Interface	Rs. 232 C Bidirectional, USB Ethernet
Print	GLP/GMP complaint, user configurable
Test Weighing & Heater	
Weight in Assist	Yes
Weight	5Kg
Power supply	230V/50Hz or 115V/60Hz
Power Consumption	415W
Current Consumption	1.8A
Dimension (WxDxH) mm	(211x342x178)mm
HSN Code	90160010
Ordering Code	100MB630000000

Quantity :- Standard Packing per Cartoon.

Accessories

Description	Ordering Code	Pack Size
Aluminium Dish	100MB63DAD0000	40
Glass Fiber Filter - 47 mm	FPBGF50A0047	100
Calibration Weights	100MB63CTWF10	1
Temperature Calibration Kit	100MB63T Ck0000	1

Quantity :- Standard Packing per Cartoon.



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SUPER MARKET FOR LAB ITEMS

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Quanta- UV Visible Spectrophotometer

- Configurable scan wavelength from 0.1 nm to 5nm for accurate/faster analysis
- Pre-aligned optics allow easy lamp change
- Large sample compartment to accommodate various path length cuvettes
- Automatic changeover of wavelength with configurable wavelength
- Blazed holographic grating in Czerny-Turner mounting
- Ethernet, Wi-Fi, Bluetooth, USB Mass Storage, Email, USB through PC
- Optional Accessories of Microcell, Long path 20, 40, 50, 100 mm cell, Circular Test Tube holder, Peltier based constant temperature attachment controlled via software, Variable Slit setup, Automatic Multi Cell Changer
- Optional CFR21 part II analysis software with server-client architecture

Technical Data & Ordering Information

Parameter	Qunta Pro	Qunta Promax
Colored Touch Screen Display	10inch	10inch
Photometric system	True Double beam Optics	True Double beam Optics
UV/Vis Bandwidth Type	Fixed	Variable
Wavelength range	190 to 1100 nm	180 to 1100 nm
UV/Vis Bandwidth Increments (nm)	1 nm	0.1 nm to 5.0 nm
Wavelength Setting	0.1nm increments	0.1nm increments
Wavelength Display Resolution (nm)	0.1nm	0.1nm
Measuring Modes	ABS, %T, CONC with custom K-Factor and multiple standards	ABS, %T, CONC with custom K-Factor and multiple standards
Wavelength Accuracy	+/-0.05nm @ 656.1nm +/-0.1nm entire range	+/-0.1nm @ 656.1nm +/-0.1nm entire range
Wavelength Repeatability	+/-0.1nm	+/-0.1nm
Wavelength Slew rate	About 29000 nm/min	About 6000 nm/min
Wavelength Scan speed (nm/min)	3600 to 2nm/min for survey of 29000nm/min	4000 to 2nm/min
Lamp interchange wavelength	Automatic changeover of wavelength with configurable wavelength.	Automatic changeover of wavelength with configurable wavelength.
Stray light	Less than 0.02% at 220nm (NaI) Less than 0.02% at 340nm (NaNO ₂) Less than 0.5% at 198nm (KCl)	Less than 0.02% at 220nm (NaI) Less than 0.02% at 340nm (NaNO ₂) Less than 1.0% at 198nm (KCl)
Photometric readability range (Abs)	Absorbance: -4.0 to 4.0 Abs Transmittance : 0% to 400%	Absorbance: -4.0 to 4.0 Abs Transmittance : 0% to 400%
Photometric accuracy	+/-0.002 Abs at 0.5 Abs +/-0.004 Abs at 1.0 Abs +/-0.006 Abs at 2.0 Abs	+/-0.002 Abs at 0.8 Abs +/-0.004 Abs at 1.2 Abs +/-0.006 Abs at 2.1 Abs
Photometric repeatability	Less than +/-0.001 Abs at 0.5 Abs Less than +/-0.001 Abs at 1 Abs Less than +/-0.003 Abs at 2 Abs	Less than +/-0.001 Abs at 0.8 Abs Less than +/-0.001 Abs at 1.2 Abs Less than +/-0.003 Abs at 2.1 Abs
Baseline stability	Less than 0.0002 Abs/Hr @700 nm (one hour after light source ON)	Less than 0.0002 Abs/Hr @700 nm (one hour after light source ON)
Baseline flatness (±A)	Less than +/-0.0005 Abs (avg. points) (1100 to 190nm, one hour after light source switched ON)	Less than +/-0.0005 Abs (avg. points) (1100 to 190nm, one hour after light source switched ON)
Noise level	Less than 0.00003 Abs (700nm)	Less than 0.00005 Abs (700nm)
Light source	Plug- in pre-aligned Halogen lamp and Deuterium lamp or Xenon Lamp	Plug- in pre-aligned Tungsten Halogen lamp and UV Deuterium lamp
Monochromator	Blazed holographic grating 1200 lines/mm in Czerny Turner mounting	Blazed concave holographic grating 1200 lines/mm in Czerny Turner mounting

Quantity :- Standard Packing per Cartoon.



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Detector	Dual Silicon photodiode	Dual matched silicon photodiode
Environmental requirements	Temperature 15 to 38 Humidity 30% to 80%	Temperature 15 to 38 Humidity 30% to 80%
Output device	Inbuilt with desktop OS with high resolution 10inch touch screen LCD	Inbuilt with desktop OS with high resolution 10inch touch screen LCD
Software	Scanlyser software (Microsoft windows 7 and above) CFR 21 compliance	Scanlyser software (Microsoft windows 7 and above) CFR 21 compliance
Validation	Automatic measurement and pass/ fail evaluation and printing of results	Automatic measurement and pass/ fail evaluation and printing of results
Connectivity	LAN/ Ethernet/WiFi/Bluetooth	LAN/ Ethernet/WiFi/Bluetooth
Sample compartment internal dimensions (W × D × H) mm	115 × 250 × 90 Distance between light beams :80mm	115 × 250 × 90 Distance between light beams: 80mm
Dimensions (L × B × H) mm	560 × 430 × 195	556 × 486 × 236
Power Supply	230V/50Hz	230V/50Hz
Ordering Code	100UVFIX000000	100UVVAR000000
HS Code	90273020	90273020
Weight	22Kg	24Kg

Quantity :- Standard Packing per Cartoon.

Accessories

Description	Ordering Code	Price
Variable Slit	100UVVS0000000	66667.00
8 Cell round Auto Sampler	100UV08RAS0000	38096.00
7 Cell Linear Auto Sampler	100UV07LAS0000	34286.00
Peliter based Temperature controlled Single Cell 4 (Sample) 15-65c	100UV04PTC0000	66667.00
Peliter based Temperature controlled Single Cell (Sample) 0-99c	100UV01PTC0000	On Request
Thin Film Holder	100UVTFH000000	10477.00
0.5ml Quartz Cuvette Pair	100UV005QCP000	14286.00
1.0ml Quartz Cuvette Pair	100UV010QCP000	12381.00
3.5ml Quartz Cuvette Pair	100UV035QCP000	10477.00
50mm pathlength Quartz Cuvette Pair	100UV050QCP000	12381.00
100mm pathlength Quartz Cuvette Pair	100UV100QCP000	19048.00
0.5ml Glass Cuvette Pair	100UV005GCP000	5715.00
1.0ml Glass Cuvette Pair	100UV010GCP000	5715.00
3.5ml Glass Cuvette Pair	100UV035GCP000	3810.00
50mm pathlength Glass Cuvette Pair	100UV050GCP000	9524.00
100mm pathlength Glass Cuvette Pair	100UV100GCP000	14286.00
Dust Cover	100UVDC0000000	1905.00
USB Connection Cable	100UVUSB000000	1048.00
LAN Connection Cable	100UVLAN000000	1048.00
Fuse Set	100UVFUSE00000	477.00
Power Cord	100UVPOWCORD00	1429.00

Quantity :- Standard Packing per Cartoon.

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Primelab 2.0 **NEW PRODUCT**

- Analyze anytime, anywhere. Portable photometer for water analysis
- Primelab 2.0 for all parameter analysis eliminating work of multiple instruments
- Compatible with open chemistry
- Customized pricing as per parameters you need to test
- Cloud syncing and storage of upto 150,000 data points user and location specific





ASIAN SCIENTIFIC INSTRUMENTS SUPER MARKET FOR LAB ITEMS



Technical Data & Ordering Information

Model Name	Prime Lab 2.0
Spectral range	390nm - 950nm 18 wavelength, peaks at 410/435/460/485/510/535/560/ 585/610/645/680/705/730/760/810/860/900/940nm 180° and 90° Setup for direct and indirect measurement
Parameters	more than 140 parameters
Electrodes	USB-type-C connector for pH/ EC/ TDS/ ORP/ Temp-Probes
Connectivity (technical)	Bluetooth 4.2 WiFi USB (type C) 4G* (via USB-modem)
Connectivity (software)	LabCOM Software (Windows / Mac) LabCOM App (Android / iOS) LabCOM Cloud (web-browser)
Display	5.5" Color-HD touch display
Camera	In-build barcode / QR-code scanner
Calibration	Auto-calibration function with certificate (software)
One-Time-Zero	Inteligent OTZ (One-Time-Zero) function with recognition of ZERO types
Internal memory	>5,000
Clock/Date	RTC (Real-Time-Clock) with calendar function
Auto-Off	Factory default setting = 10 minutes. Individual adjustment possible
Menu guidance	Intuitive, display-controlled 4-button menu guidance; test instructions during measurement process
Power supply	8,500 mA Li-Io-battery
Languages	>15
Environment	5°C - 45°C / 30 - 90% rel. humidity
Water-proof rating	The device is splash-water-proof (IP54)
Reagents	The calibration curves for the individual parameters / measurement procedures are adjusted to the reagents offered with the unit.
Weight	715g
Dimensions (W × D × H)mm	100 × 59 × 255
HS Code	90275000
Ordering Code	100PL02B000000

Quantity :- Standard Packing per Cartoon.

Accessories provided by default with the kit

- LabCOM App/Software/Cloud (Android, iOS, Windows, Mac, Browser)
- 4 × 24mm/10ml glass-vials with lid (light-shield incorporated into the lid)
- 1 × light shield (for 16mm and 1ml vials as well as check-standards)
- 1 × 24mm vial adapter (built-in; exchangeable)
- 1 × 10.5 cm stirring rod
- 1 × 10ml plastic syringe (graduated)
- 1 × vial cleaning brush
- 1 × microfibre cleaning cloth for vials
- 1 × charger with cable (USB-Type-C)
- 1 × printed user manual in a ring-binder



COD Digestion Unit

Open Reflux COD Digesters-Ideal solutions
for waste water analysis



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ASIAN SCIENTIFIC INSTRUMENTS SUPER MARKET FOR LAB ITEMS



Technical Data & Ordering Information

Model Name	Prime Lab 2.0
Spectral range	390nm - 950nm 18 wavelength, peaks at 410/435/460/485/510/535/560/ 585/610/645/680/705/730/760/810/860/900/940nm 180° and 90° Setup for direct and indirect measurement
Parameters	more than 140 parameters
Electrodes	USB-type-C connector for pH/ EC/ TDS/ ORP/ Temp-Probes
Connectivity (technical)	Bluetooth 4.2 WiFi USB (type C) 4G* (via USB-modem)
Connectivity (software)	LabCOM Software (Windows / Mac) LabCOM App (Android / iOS) LabCOM Cloud (web-browser)
Display	5.5" Color-HD touch display
Camera	In-build barcode / QR-code scanner
Calibration	Auto-calibration function with certificate (software)
One-Time-Zero	Inteligent OTZ (One-Time-Zero) function with recognition of ZERO types
Internal memory	>5,000
Clock/Date	RTC (Real-Time-Clock) with calendar function
Auto-Off	Factory default setting = 10 minutes. Individual adjustment possible
Menu guidance	Intuitive, display-controlled 4-button menu guidance; test instructions during measurement process
Power supply	8,500 mA Li-Io-battery
Languages	>15
Environment	5°C - 45°C / 30 - 90% rel. humidity
Water-proof rating	The device is splash-water-proof (IP54)
Reagents	The calibration curves for the individual parameters / measurement procedures are adjusted to the reagents offered with the unit.
Weight	715g
Dimensions (W × D × H)mm	100 × 59 × 255
HS Code	90275000
Ordering Code	100PL02B000000

Quantity :- Standard Packing per Cartoon.

Technical Data & Ordering Information

Model Name	COD082	COD152	COD080	COD150
Reflux Type	Open	Open	Open	Open
Positions	08 Position	15 Position	08 Position	15 Position
Capacity	250 ml × 08 tubes	250 ml × 15 tubes	250 ml × 08 tubes	250 ml × 15 tubes
Heating Block	Aluminium			
Temperature Range	Ambient to 180°C			
Temperature Accuracy	±1°C		±10°C	
Display	Front GRP control panel with Graphic LCD			LED
Graphical representation of time and temp	Yes		No	
Two point factory calibration	Yes			
PID autotune	Yes			
User presets	Yes			
Process Timer	0 - 999 min			
Temperature Control	Yes with Set value and Present value			
Time Control	Yes with Set value and Present value			
Connectivity to Printer	Yes		No	
Connectivity to PC	Yes		No	
Power consumptions	1400W	1800 W	1200W	1600W
Current Consumption	6 A	8 A	6 A	8 A
Unit External Dimensions (W × D × H)	(414 × 414 × 283)mm		(414 × 414 × 283)mm	
HSN Code	84198990			
Ordering Code	BLFACOD 08200000000	BLFACOD 15200000000	BLFACOD 08000000000	BLFACOD 01500000000
Prices / Piece	On Request			

Quantity :- Standard Packing per Cartoon.

Description	Ordering Code	Pack Size
COD air condensers	BLMACND100 CODSAC00	5
COD digestion vessels	BLMATUBI00CODSGT20	5

Note : Digestion vessels and air condensers are provided by default with the unit

Quantity :- Standard Packing per Cartoon.



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BOROSIL®
Scientific

Thermoreactor

Closed reflux COD Digester
Compact and Convenient



Technical Data & Ordering Information

Model Name	COD120
Reflux Type	Sealing
Positions	12 Position
Capacity	16 mm × 100 mm vials
Heating Block	Aluminium
Temperature Range	Ambient to 180°C
Temperature Accuracy	±1°C
Display	LED
Process Timer	0-999 min / Infinite
Temperature Control	Yes with Set value and Present value
Time Control	Yes with Set value and Present value
Transparent Lid	UV protection
Power consumptions	200 W
Current Consumption	1.5 A
Unit External Dimensions (W × D × H)	(275 × 185 × 150) mm
HSN Code	84198990
Ordering Code	BLFHCODI2000000000

Quantity :- Standard Packing per Cartoon.

Note : 12 nos. digestion tube provided by default with the unit

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Ph.: 93930-01939, 90522-23905, 98480-31317, 93472-45096



Water Baths

Borosil Labquest Premium range of circulating water baths are an ideal choice when temperature uniformity and control are particularly critical along with Data logging connectivity.

Premium Series - Circulating Water Bath

Labquest Premium baths provide more uniform heat convection. These Heating baths are particularly useful in Routine lab applications, Coliform determinations, Sample thawing, Bacteriological examinations, Microbiological assays, Cell cultivation.

Technical Data & Ordering Information

Model Name	WBP012	WBP015	WBP020
Nominal Capacity	12L	15L	20L
Working Temperature Range	Ambient +5 to 99°C	Ambient +5 to 99°C	Ambient +5 to 99°C
Temperature Accuracy at 37°C	±0.2°C	±0.2°C	±0.2°C
Circulation	By PTFE Stir Bar	By PTFE Stir Bar	By PTFE Stir Bar
Interior Dimension (L × B × H) in mm	330 × 300 × 150 mm	330 × 300 × 200 mm	500 × 300 × 150 mm
Exterior Dimension (L × B × H) in mm	375 × 325 × 450 mm	355 × 325 × 510 mm	550 × 350 × 450 mm
Electrical Requirements	6A	6A	9A
Power Consumption	900W	900W	2000W
External Temperature Probe	PT1000	PT1000	PT1000
USB Interface - Data Logging	USB	USB	USB
Lid Type	SS Lid with 6 position Concentric Rings	PC Lid	SS Lid with 8P Lid position Concentric Rings
HSN Code		84198990	
Ordering Code	BLFHWP0120000000	BLFHWP0150000000	BLFHWP0200000000

Quantity :- Standard Packing per Cartoon.

High Capacity Baths

Model Name	WBP024	WBP035	WBP060
Nominal Capacity	24L	35L	60L
Working Temperature Range	Ambient +5 to 99°C	Ambient +5 to 99°C	Ambient +5 to 99°C
Temperature Accuracy at 37°C	±0.2°C	±0.2°C	±0.2°C
Circulation	By PTFE Stir Bar	By PTFE Stir Bar	By PTFE Stir Bar
Interior SS304 Dimension (L × B × H)	500 × 300 × 200 mm	650 × 350 × 150 mm	650 × 350 × 200 mm
Exterior SS304 Dimension (L × B × H)	550 × 335 × 510 mm	675 × 375 × 450 mm	675 × 375 × 475 mm
Electrical Requirements	12A	15A	20A
Power Consumption	2200W	3000W	5000W
External Temperature Probe	PT1000	PT1000	PT1000
USB Interface - Data Logging	USB	USB	USB
Lid Type	SS Lid with 8 position Concentric Rings	SS Canopy	SS Canopy
HSN Code		84198990	
Ordering Code	BLFHWP0240000000	BLFHWP0350000000	BLFHWP0600000000

Quantity :- Standard Packing per Cartoon.



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Water Baths

The Elemental Series of general purpose Water Baths offers variety of sizes meet all your needs and is ideal for lab applications.

Elemental Series - Constant Temperature Baths

Elemental Series Water Baths can be used for a wide variety of purposes, including routine laboratory tasks, holding samples at a constant temperature, incubation, materials testing, corrosion testing, temperature control of cultures, thermal testing of food and dental applications. In this series temperature uniformity is obtained by convection gradually.

Also available in WLS series with overhead stirring



Technical Data & Ordering Information

Model Name	WLC005	WLC012	WLC020
Nominal Capacity	5L	12L	20L
Working Temperature	Ambient +	Ambient +	Ambient +
Range	5 to 99°C	5 to 99°C	5 to 99°C
Temperature Accuracy at 37°C	±0.5°C	±0.5°C	±0.5°C
Circulation	By Convection Only		
Interior Dimension (L × B × H) in mm	300 × 152 × 150	330 × 300 × 150	500 × 300 × 150
Exterior Dimension (L × B × H) in mm	325 × 180 × 300	375 × 325 × 300	550 × 350 × 300
Power Consumption	2A, 230V, 400W	4A, 230V, 900W	9A, 230V, 1600W
HSN Code	84198990		
Ordering Code	BLFHWLC00500000000	BLFHWLC01200000000	BLFHWLC0200000000

Quantity :- Standard Packing per Cartoon.

Optional Accessories

Model Name	Ordering Code	Suitable For
3 Hole SS LID Assembly	BLAHWLC005LID00003	WLC005
5L Polycarbonate LID Assembly	BLAHWLC005PCLID000	WLC005
6 Hole SS LID Assembly	BLAHWLC012LID00006	WLC012
12/15 Polycarbonate LID Assembly	BLAHWLC012PCLID000	WLC012
12 Hole SS Lid Assembly	BLAHWLC020LID00008	WLC020
8 Hole SS LID Assembly	BLAHWBA02000000012	WLC020
12 Hole SS Lid Assembly	BLAHWBA02000000012	WLC020
20 Ltr Polycarbonate Lid ASM	BLAHWBA020CAPP000	WLC020
Ball Shield Anti-evaporation Spheres (Ø37mm × 500 nos)	BLAHWLS020BALLID00	All Baths

Quantity :- Standard Packing per Cartoon.

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Ultrasonic Baths

Ultrasonic Bath offers gentle effective cleaning action ensuring that no contaminants get carried over from the previous process.

Sonicator Bath

Ultrasonic Baths use sound waves and liquid to clean small objects. Borosil Labquest digital series of Ultrasonic cleaners come in four different sizes. These stainless steel cleaners feature a bright LED display for time and temperature and easy push-button control along with degs functions.



Technical Data & Ordering Information

Model Name	UCB025	UCB050	UCB100	UCB200
Capacity	1.5L	5L	10L	20L
Working Temperature Range	Ambient +5 °C to 80°C			
Frequency	40kHz			
Time setting	1- 99 mins			
Interior Dimension (L × B × H) in mm	150 × 140 × 100	300 × 155 × 150	300 × 240 × 150	500 × 300 × 150
Exterior Dimension (L × B × H) in mm	190 × 170 × 220	330 × 180 × 330	330 × 270 × 330	550 × 330 × 330
Ultrasonic Power	50W	150W	200W	400W
Heater Power	100W	300W	500W	500W
HSN Code	84798999			
Ordering Code	LQLEUCB 0250000000	LQLEUCB 0500000000	LQLEUCB 1000000000	LQLEUCB 2000000000

Quantity :- Standard Packing per Cartoon.



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ASIAN SCIENTIFIC INSTRUMENTS
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BOROSIL®
Scientific

Oil Baths

Precision Oil bath build in 100% SS offers controlled heating upto 240°C.

Still & Stirred Oil Baths

Precision oil baths for controlled heating & tempering applications with a temperature accuracy of + 1°C and a built in 100% SS construction. Baths are insulated for user protection and equipped with overshoot control. Baths can also be used with water.



Technical Data & Ordering Information

Model Name	OMC250	OMC10
Working Temperature Range	Ambient +5°C to 240°C	
Circulation	Convection	
Nominal Capacity	750ml	3057ml
RB Flask	250ml	1000ml
Interior Dimension (D × H) in mm	120 × 86	182 × 142
Exterior Dimensions (L × B × H) in mm	203 × 169 × 209	273 × 240 × 263
Power Consumption	300W	800W
HSN Code	84198990	
Ordering Code	BLFHOMC25000000000	BLFHOMC01000000000

*Interior tanks are cylindrical in shape.

Quantity :- Standard Packing per Cartoon.

Technical Data & Ordering Information

Model Name	OMS250	OMS010	OMS020
Working Temperature Range	Ambient +5°C to 240°C		
Circulation	PTFE Stir Bar		
Nominal Capacity	750ml	3057ml	7500ml
RB Flask	250ml	1000ml	2000ml
Interior Dimension (D × H) in mm	120 × 86	182 × 142	217x 209
Exterior Dimensions (L × B × H) in mm	203 × 169 × 209	273 × 240 × 263	302 × 280 × 410
Power Consumption	300W	800W	1500W
HSN Code	84198990		
Ordering Code	BLFHOMS25000000000	BLFHOMS01000000000	BLFHOMS02000000000

Quantity :- Standard Packing per Cartoon.

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Data Logger

Measure & Record progress of set parameter

Labquest instruments with USB connectivity e.g. Industrial Stirrers and Premium Water Baths facilitate data logging. Borosil Data Logger continuously monitors and records the activity performed by connected instruments over a period of time. Users can take the print out for specified period and operation. PNP010 a reliable, cost and time-efficient monitoring solution for any measuring & recording progress of set parameters offering key advantages by providing high accuracy and ease of use.

Key Features

SINCE 1966

Records user level activity with Instrument attached

Login feature supports administrator and up to 99 users with display 128x64 GLCD

Any time print option for logged data records

Customizable print format with company name, lab/department name and process parameters

Technical Data & Ordering Information

Ordering Code

BLFAPNP010000000

Prices / Piece

On request



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ASIAN SCIENTIFIC INSTRUMENTS
SUPER MARKET FOR LAB ITEMS

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Water Distillation Unit

General laboratory applications requiring higher ionic purity, samples & buffer preparations

On Demand Single Distillation Unit (SDU)

Single Stage Distillation units provide automatic working for getting pure water by distillation method capable of removing a wide spectrum of impurities. Raw water is boiled to produce steam which is taken to a condenser where it returns to the liquid state, free of impurity. The impurities remain in the boiler and can be removed periodically with the help of in built descaling or cleaning guide.



Technical Data & Ordering Information

Model Name	SDU1500	SDU2500	SDU4000
Capacity Distilled Water Output	1.5 LPH	2.5 LPH	4 LPH
Minimum cooling water requirement (Ltr/min)	1	1.5	2
Heater	Quartz	Quartz	Quartz
Boiler	Boro 3.3	Boro 3.3	Boro 3.3
Condenser	Boro 3.3	Boro 3.3	Boro 3.3
Biological Activity	Pyrogen Free	Pyrogen Free	Pyrogen Free
Conductivity S/cm*	<3 × 10 ⁻⁶	<3 × 10 ⁻⁶	<3 × 10 ⁻⁶
Power consumption (kw)	1.5kW	2.5kW	3.5kW
Voltage (V)	230V	230V	230V
Dimensions (L × B × H) in mm	650 × 255 × 440		
HSN Code	84198990		
Ordering Code	BLFRSDU15000000000	BLFRSDU25000000000	BLFRSDU40000000000

* Inlet water TDS < 100 ppm

Quantity :- Standard Packing per Cartoon.

Note: Because of difficulties associated with measurement of the pH value of high purity water and the doubtful significance values obtained, limits for the pH value of grade 1 & grade 2 water have not been specified. Conductivity specified applies for freshly prepared water in absence of Carbon Dioxide at 20° C.

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Ph.: 93930-01939, 90522-23905, 98480-31317, 93472-45096

Water Distillation Unit

General laboratory applications requiring higher ionic purity, samples & buffer preparations



On Demand Double Distillation Unit (DDU)

Double Stage Distillation Units provide automatic working for getting pure water by distillation method capable of removing a wide spectrum of impurities. Raw water is boiled to produce steam which is taken to a condenser where it returns to the liquid state, free of impurity. The impurities remain in the boiler and can be removed periodically with the help of in built descaling or cleaning guide.

Technical Data & Ordering Information

Model Name	DDU1500	DDU2500	DDU4000
Capacity Distilled Water Output	1.5 LPH	2.5 LPH	4 LPH
Minimum cooling water requirement (Ltr/min)	1	1.5	2
Heater	Quartz	Quartz	Quartz
Boiler	Boro 3.3	Boro 3.3	Boro 3.3
Condenser	Boro 3.3	Boro 3.3	Boro 3.3
Biological Activity	Pyrogen Free	Pyrogen Free	Pyrogen Free
Conductivity S/cm*	<3 × 10 ⁻⁶	<3 × 10 ⁻⁶	<3 × 10 ⁻⁶
Power consumption (kw)	3 kW	4.4 kW	7 kW
Voltage (V)	230V	230V	230V
Dimensions (L × B × H) in mm		640 × 630 × 520	
HSN Code		84198990	
Ordering Code	BLFRDDU150000000000	BLFRDDU250000000000	BLFRDDU400000000000

* Inlet water TDS < 100 ppm

Quantity :- Standard Packing per Cartoon.

Note: Because of difficulties associated with measurement of the pH value of high purity water and the doubtful significance values obtained, limits for the pH value of grade 1 & grade 2 water have not been specified. Conductivity specified applies for freshly prepared water in absence of Carbon Dioxide at 20° C.



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ASIAN SCIENTIFIC INSTRUMENTS
SUPER MARKET FOR LAB ITEMS

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Quartz Double Distillation Unit

On Demand Double Distillation Unit (DDU)

Double Stage Quartz Distillation Units provide automatic working for getting pure water by distillation method capable of removing a wide spectrum of impurities. Raw water is boiled to produce steam which is taken to a condenser where it returns to the liquid state, free of impurity. The impurities remain in the boiler and can be removed periodically with the help of in built descaling or cleaning guide.



Technical Data & Ordering Information

Model Name	QDD250
Type	Benchtop - Open
Capacity Distilled water Output	2.5LPH
Minimum cooling water requirement (Ltr/min)	1.5
Heater	Quartz
Boiler	Quartz
Condensor	Quartz
Biological Activity	Pyrogen Free
Distillation Temperature	65 - 75°C
Conductivity S/cm*	<1 × 10 ⁻⁶
Power consumption (kw)	5.5kW
Voltage (V)	230-250 V
Dry Run Protection	Yes
Dimensions in mm (W × D × H)	650 × 630 × 520
On Demand Output	Yes
Order Code	BLFRQDD25000000000
HSN Code	84194090

* Inlet water TDS < 100 ppm

Quantity :- Standard Packing per Cartoon.

Note: Because of difficulties associated with measurement of the pH value of high purity water and the doubtful significance values obtained, limits for the pH value of grade 1 & grade 2 water have not been specified.

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Quartz Cabinet Distillation

**NEW
PRODUCT**

On Demand Quartz Double Distillation Unit (QCD)

Double Stage Quartz cabinet units with reservoir provide automatic working with safety cut-offs for dry-run/unstable water flow. It also offers dispensing serially or continuously from reservoir storage.

Technical Data & Ordering Information

Model Name	QCD 250
Orientation	Vertical
Design	Bench Top Cabinet
Capacity Distilled water Output	2.5LPH
Minimum cooling water requirement (Ltr/min)	2
Dimensions (L*B*H) along with reservoir	730 × 730 × 1020
Heater	Quartz
Boiler	Quartz
Condensor	Quartz
Biological Activity	Pyrogen Free
Conductivity S/cm*	<1 × 10 ⁻⁶
Power consumption (kw)	4.4kW
Voltage (V)	230V
Dry Run Protection	Yes
On Demand Output	Yes
Storage Mode	Yes
Auto Filling Reservoir	Yes
Dispense rate (ml/min)	900ml
Order Code	BLFRQCD25000000000
HSN Code	84194090

* I Inlet water TDS < 100 ppm

Quantity :- Standard Packing per Cartoon.

Note: Because of difficulties associated with measurement of the pH value of high purity water and the doubtful significance values obtained, limits for the pH value of grade 1 & grade 2 water have not been specified. Conductivity specified applies for freshly prepared water in absence of Carbon Dioxide at 20°C. Conductivity values are affected by temperature and absorbed carbon dioxide quantity along with other contaminants from containers stored.



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ASIAN SCIENTIFIC INSTRUMENTS
SUPER MARKET FOR LAB ITEMS

BOROSIL®
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Water Distillation Unit

Manufactured from quartz, providing quick & continuous purified water with smaller foot print in laboratories.

Mono Quartz Distillation Units (Manual)

These Innovative and compact vertical Distillation Units Made from Pure Silica - Quartz are ideal choice for getting single stage distilled water. It meets the standard of the analytical laboratory where purity of distilled water free from metallic ions and bacteria is important.



Technical Data & Ordering Information

Model Name	3363042	3363033	3363038	3364042	3364033
Capacity Distilled Water Output	2.5 LPH	5 LPH	10LPH	2.5LPH	5LPH
Minimum cooling water requirement (Ltr/min)	1	2	2.5	1	2
Heater	Quartz	Quartz	Quartz	Quartz	Quartz
Boiler	Quartz	Quartz	Quartz	Quartz	Quartz
Condenser	Boro 3.3	Boro 3.3	Boro 3.3	Quartz	Quartz
Biological Activity	Pyrogen Free	Pyrogen Free	Pyrogen Free	Pyrogen Free	Pyrogen Free
Conductivity S/cm*	<3 × 10 ⁻⁶	<3 × 10 ⁻⁶	<3 × 10 ⁻⁶	<3 × 10 ⁻⁶	<3 × 10 ⁻⁶
Power consumption (kw)	2.2 kW	4.4kW	8.8 kW	2.2 kW	4.4 kW
Voltage (V)	230V	230V	440V - 3Phase	230V	230V
HSN Code	841940901				
Ordering Code	BT533363042	BT533363033	BT533363038	BT533364042	BT533364033
Accessory - DAPS Code	3366342	3366333	3366338	3366442	3366433

* Inlet water TDS < 100 ppm

Quantity :- Standard Packing per Cartoon.

DAPS - The Unit provides for Automatic working of distillation unit by switching off the heaters in case water level falls below the heating coil, thereby safeguarding the heaters. The unit resumes distillation when water level is restored by pushing reset button on front panel. The water level sensor probe works on 12V and hence is very safe to handle. The unit also comes with Buzzer. DAPS is unique for each model.

Note: Because of difficulties associated with measurement of the pH value of high purity water and the doubtful significance values obtained, limits for the pH value of grade I & grade 2 water have not been specified. Conductivity specified applies for freshly prepared water in absence of Carbon Dioxide at 20° C.

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Water Distillation Unit

All quartz innovative & compact design offers consistent purified water in two distillation stages

All Quartz Double Distillation Units

Quartz distillation units are manufactured from fused quartz tubes. The exceptionally high chemical purity and very low solubility of this material enables the production of very high performance system. The greatest possible attention has been taken for technical performance, simplicity of use and efficiency.

Technical Data & Ordering Information

Model Name	3365041	3365042	3365033
Capacity Distilled Water Output	1.5 LPH	2.5 LPH	5 LPH
Minimum cooling water requirement (Ltr/min)	1	2	2.5
Heater	Quartz	Quartz	Quartz
Boiler	Quartz	Quartz	Quartz
Condenser	Quartz	Quartz	Quartz
Biological Activity	Pyrogen Free	Pyrogen Free	Pyrogen Free
Conductivity S/cm*	<1 × 10 ⁻⁶	<1 × 10 ⁻⁶	<1 × 10 ⁻⁶
Power consumption (kw)	3 kW	4.4kW	8.8 kW
Voltage (V)	230V	230V	440V - 3Phase
HSN Code		84194090	
Ordering Code	BT533365041	BT533365042	BT533365033
Accessory - DAPS	3366541	3366542	3366533

* Inlet water TDS < 100 ppm

Quantity :- Standard Packing per Cartoon.

DAPS - The Unit provides for Automatic working of distillation unit by switching off the heaters in case water level falls below the heating coil, thereby safeguarding the heaters. The unit resumes distillation when water level is restored by pushing reset button on front panel. The water level sensor probe works on 12V and hence is very safe to handle. The unit also comes with Buzzer. DAPS is unique for each model.

Note: Because of difficulties associated with measurement of the pH value of high purity water and the doubtful significance values obtained, limits for the pH value of grade 1 & grade 2 water have not been specified. Conductivity specified applies for freshly prepared water in absence of Carbon Dioxide at 20° C.



Accessories for Distillation Units

On Demand Glass Distillation Units Spares

Product Code	Description
BLA0CRH12KW15LHQRT	Ceramic Heater_ Quartz tube-1.5L Accs
BLA0CRH02KW25LHQRT	Ceramic Heater_ Quartz tube-2.5L Accs
BLA0CRH03KW04LHQRT	Ceramic Heater_ Quartz tube-4L Accs
BLAPSDU1500BOIL000	WDU 1.5LTR BOILER ACCS
BLAPSDU2500BOIL000	WDU 2.5LTR BOILER ACCS
BLAPSDU4000BOIL000	WDU 4.0LTR BOILER ACCS
BLAPSDU1500CON0000	1.5 LTR CONDENSER ACCS
BLAPSDU2500CON0000	2.5 LTR CONDENSER ACCS
BLAPSDU4000CON0000	4.0 LTR CONDENSER ACCS
BT603367000	Water Softner

Mono Quartz Units Spares

Product Code	Description
363012	Quartz Boiler 2.5LPH
363032	Quartz Boiler 5LPH
363S02	Quartz Boiler 10LPH
362022	Borosilicate Condenser 2.5LPH
0363S00	Borosilicate Condenser 5LPH
0363S03	Borosilicate Condenser 10LPH
364023	Quartz Condenser 2.5LPH
364S01	Quartz Condenser 5LPH

Quantity :- Standard Packing per Cartoon.

Accessories for Distillation Units

All Quartz Double Distillation Spares

Product Code	Description
362013	Primary Quartz Boiler 1.5LPH
362014	Primary Quartz Boiler 2.5LPH
0362S04	Primary Quartz Boiler 5LPH
362015	Quartz Secondary Boiler - Condenser 1.5LPH
362016	Quartz Secondary Boiler - Condenser 2.5LPH
0363S05	Quartz Secondary Boiler - Condenser 5LPH
362063	Receiving Adapter with Spring
362052	Silicon "O" Ring

Quantity :- Standard Packing per **Cartoon**.

All Glass Manual Units

Product Code	Description
336011	Borosilicate Boiler with Water Leveller 1.5LPH
336031	Borosilicate Boiler with Water Leveller 2.5LPH
336021	Borosilicate Boiler with Water Leveller 4.0LPH
0336012R	Primary Quartz Heater (RED) 1.5LPH
0336013R	Primary Quartz Heater (RED) 2.5LPH
0336022R	Primary Quartz Heater (RED) 4.0LPH
0336012B	Secondary Quartz Heater (Blue) 1.5LPH
0336013B	Secondary Quartz Heater (Blue) 2.5LPH
0336022B	Secondary Quartz Heater (Blue) 4.0LPH
361021	Condenser for Unit 1.5LPH
361041	Condenser for Unit 2.5LPH
362021	Condenser for Unit 4.0LPH

Quantity :- Standard Packing per **Cartoon**.



ASIAN SCIENTIFIC INSTRUMENTS

SUPER MARKET FOR LAB ITEMS



Overhead Stirrer NEW PRODUCT

Labquest by Borosil presents a range of overhead stirrers designed for stirring and mixing tasks in the laboratory, catering to low to high viscosities.

Overhead stirrers are crafted to meet the diverse needs of laboratory applications, providing reliable and efficient solutions for stirring and mixing tasks.

BLDC, Microprocessor, Compact, Overload Protection.



- Stirring quantities of up to 100 liters.
- Brushless DC motor
- Micro-processor controlled technology.
- Reversible mixing Motions
- Compact and totally enclosed casing for enhanced safety.
- Adjustable push through impeller shaft to accommodate different heights/vessels
- Internal overload protection for added safety.

Technical Data & Ordering Information

Model Name	OHS15	OHS20	OHS40	OHS50	OHS75	OHS100
Stirring quantity max [L / H ₂ O]	20L	25L	40L	50L	75L	100L
Speed range [rpm]	50-1000	50-2000	50-1000	60-2000	60-2000	60-1300
Max Torque [N-cm]	15Ncm	20Ncm	40Ncm	50Ncm	75Ncm	100Ncm
Max Viscosity	8000mPas	10000mPas	30000mPas	30000mPas	50000mPas	70000mPas
Motor	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC
Power	24V/36W	24V/36W	24V/36W	24V/72W	24V/72W	24V/72W
Change of Rotation Direction	Yes	Yes	Yes	Yes	Yes	Yes
Speed / Timer Display	Digital LED	Digital LED	Digital LED	Digital LED	Digital LED	Digital LED
Impeller Adjustment	Push Through Push Through Push Through Push Through Push Through Push Through					
Overload Protection	Yes	Yes	Yes	Yes	Yes	Yes
Over Temperature Protection	Yes	Yes	Yes	Yes	Yes	Yes
Auto Resume - Power Interruption	Yes	Yes	Yes	Yes	Yes	Yes
Smart Control Feature	Yes	Yes	Yes	Yes	Yes	Yes
IP Rating	IP54	IP54	IP54	IP42	IP43	IP44
Chuck range diameter [mm]	1-10mm	1-10mm	1-10mm	1-10mm	1-10mm	1-10mm
Timer	1-99min OR Continuous					
Dimensions (L x W x H) [mm]	176X173X79	176X173X79	176X173X79	102X242X249	102X242X249	102X242X249
Weight [kg]	1.7kg	1.7kg	1.7kg	5kg	5kg	5kg
HSN	84798200					

* Chuck, Impellers, stand & boss head clamp to be ordered separately

Quantity :- Standard Packing per Cartoon.

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Ph.: 93930-01939, 90522-23905, 98480-31317, 93472-45096









Overhead Stirrer

Technical Data & Ordering Information

Description	Item code	Price/pc
OHS15 15Ncm 20L 1000RPM 8000mPas	LQLEOHS015020PR000	29,000.00
OHS20 20Ncm 25L 2000RPM 10000mPas	LQLEOHS020025PR000	40,700.00
OHS40 40Ncm 40L 1000RPM 30000mPas	LQLEOHS040040PR000	42,600.00
OHS50 50Ncm 50L 2000RPM 30000mPas	LQLEOHS050050E0000	66,400.00
OHS75 75Ncm 75L 2000RPM 50000mPas	LQLEOHS075075E0000	70,300.00
OHS100 100Ncm 100L 1300RPM 70000mPas	LQLEOHS100100E0000	72,800.00

* Chuck, Impellers, stand & boss head clamp to be ordered separately

Impellers

Description	Item code	Flow Type	Dia	Max	Viscosity	Blade Type	Price/pc
Propeller Impeller (50X8X550 mm)Axial	LQLEOHA5008550PIA0	Axial	50	2000	0-10000		2200.00
Propeller Impeller (100X15X550 mm)Axial	LQLEOHA10015550PI0	Axial	100	800	0-20000		3800.00
Propeller Impeller (130X15X800 mm)Axial	LQLEOHA13015800PI0	Axial	130	800	0-30000		5300.00
CrossWelded Impeller (50X12X550mm)Radial	LQLEOHA5012550CW10	Radial	50	2000	0-10000		3200.00
StraightB Impeller (35X12X550mm)Radial	LQLEOHA3512550SB10	Radial	35	2000	0-10000		2900.00
StraightB Impeller (50X12X550mm)Radial	LQLEOHA5012550SB10	Radial	50	2000	0-10000		3600.00
PivotingB Impeller (60X15X550mm)Radial	LQLEOHA6015550PB10	Radial	60	1800	0-10000		3800.00
CollapsibleB Impeller (80X10X550mm)Radial	LQLEOHA8010550CB11	Radial	80	1500	0-10000		3400.00

Quantity :- Standard Packing per Cartoon.



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Description	Item code	Flow Type	Dia	Max RPM	Viscosity Range	Blade Type
SquareB Impeller(38X38X550mm) Tangential	LQLEOHA3838550SBII	Tangential	38	1000	0-30000	
SquareB Impeller	LQLEOHA7070800SBII	Tangential	70	600	0-50000	
AnchorB Impeller (45X45X550mm)Tangential	LQLEOHA4545500ABIO	Tangential	45	800	0-100000	
AnchorB Impeller (90X80X800mm)Tangential	LQLEOHA9080800ABIO	Tangential	90	600	0-100000	
PaddleB Impeller (70X70X550 mm)Tangential	LQLEOHA7070550PBI0	Tangential	70	800	0-100000	
PaddleB Impeller (70X70X800 mm)Tangential	LQLEOHA7070800PBI0	Tangential	70	600	0-100000	
PaddleB Impeller (70X80X550 mm)Tangential	LQLEOHA7080550PBI0	Tangential	70	800	0-100000	
PaddleB Impeller (70X80X800 mm)Tangential	LQLEOHA7080800PBI0	Tangential	70	600	0-100000	

Stands / Clamps / Chuck Quantity :- Standard Packing per Cartoon.

Description	Item code
PlateStand 220X320 mm Rod560mm 5L	LQLEOHA2232560PS01
PlateStand 220X320 mm Rod800mm 5L	LQLEOHA2232800PS02
PlateStand 220X320 mm Rod1000mm 5L	LQLEOHA2232100PS03
Bosshead Clamp for Plate Stand PROHS	LQLEOHA00001BHCPR0
Bosshead Clamp for Plate/H stand PR OHS	LQLEOHA00001BHCPR1
Only H Stand 500x 450x 1020mm	LQLEOHA5045102HS01
Bosshead Clamp for H-Stand	LQLEOHA00001BHCH01
OHS Key Chuck	LQLEOHA0000OHC001
OHS Keyless Chuck	LQLEOHA0000OHC002
OHS Collet Chuck	LQLEOHA0000OHC003
OHS Chuck Cover	LQLEOHA0000OHC004

Quantity :- Standard Packing per Cartoon.

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Laboratory Stirrers

Compact magnetic stirrer with digital display offering accurate speed, timer, temperature setting

Magnetic Stirrers - Heat & Stir applications

These stirrers offer accurate, stable and highly-reproducible in various heating & stirring experiments involving low viscous fluids.

Technical Data & Ordering Information

Model Name	HLS200	MHPS550P Premier
Stirring Position	I	I
Max Capacity	2L	20L
Max Speed for H ₂ O	1500 rpm	up to 2200
Timer	0 - 999 min OR Continuous	0 - 999 min OR Continuous
Plate Temperature	Ambient +5 °C - 300 °C	Ambient +5 °C - 550 °C
Safe Temperature Setting	Yes	Yes
Hot Indicator when Plate is above 50 °C	Yes	Yes
Pulse Mode	NA	Yes
Display	LED Digital	Dual Set & Actual Temp, RPM & Time
Plate Material	SS	Ceramic
Power Consumption	2A, 230V, 325W	5A, 230V, 1000W
Magnetic Bar	25 mm	25 mm
Top Plate Dimensions (L × B) in mm	150 × 155	180 × 180
Product Dimensions (L × B × H) in mm	260 × 190 × 155	313 × 212 × 110
Protection Class	IP2I	IP2I
Supplied with	PT100 Probe only	PT1000 Probe & Stand
HSN Code		84798200
	BLFHLS20000000000	100MHPS010550P

Optional Accessories

Quantity :- Standard Packing per Cartoon.

Description	Ordering Code	Suitable for
PT100 DIN Connector	BLA0DIN00MX0005PIN	HLS200
PT1000 Probe	100MHPS01PT100	MHPS550P Premier
Probe Stand	100MHPS01PS000	MHPS550P Premier

Quantity :- Standard Packing per Cartoon.

Note: 100MHPS0103500 model is also available, till stocks last. (P.O.R.)



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ASIAN SCIENTIFIC INSTRUMENTS

SUPER MARKET FOR LAB ITEMS



Hot Plate Stirrer

Labquest hot plate stirrer 'SRS005' can be paired with parallel reaction stations designed to increase productivity, save space & reduce costs. These parallel reaction assemblies are useful in applications such as heating, cooling, condensing, work up, evaporation, inerting, filtration, heating, parallel synthesis, polymer research, process development, refluxing and stirring.



* Stand not included in package



Technical Data & Ordering Information

Model Name	HTS005
Stirring Positions	1
Max Capacity	5 L
Max Speed for H ₂ O	2000
Timer	upto 999 min or Continuous Mode
Plate Temperatures upto °C	350 °C
Temperature Accuracy	Operation with external temperature measuring sensor Pt1000: ± 0.2 K
Safe Temperature Setting	Yes
Hot Indicator when Plate is above 50 °C	Yes
Pulse Mode	NA
Display	3 × 4 Digit Seven Segment Display
Temperature Increments	Yes
Stirring RPM Increments	Yes
Top Plate Material	Stainless Steel
MOC Body	Aluminium
Power Consumption	2 kW
Magnetic Bar	Yes
Top Plate Dimensions	ø168 mm
Safety Warning for Plate Temp above 50 °C	Yes
IP Protection Class	IP21
Supplied with Probe Specs	PT1000 Probe
Drive	BLDC motor 28 watts
Rotation speed range	100 – 1500 rpm
Heating power	1000 watts @ 230V
Temperature range	RT – 350 °C, setting accuracy 1 °C for Plate
Heating control	PID
Power input	230V, 50 Hz, 6 A
Product Dimensions (L × B × H) in mm	360 × 215 × 160 mm (approx)
Ordering Code	BLFHTS00500000000*
Prices / Piece	On Request

Note: Parallel Reaction Station Accessory needs to be procured separately.

Quantity :- Standard Packing per Cartoon.

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Stirrers - Max Stir

Outstanding stirring for high-volume applications
in process equipments with USB Data Logging option

Industrial Max Stir MGS Series

Industrial Max-Stir are designed for chemical and biotechnical applications of all kinds that are within the field of quality insurance and pilot plant stations, it can also be integrated with high capacity process equipments, developed for highest demands, unbeatably strong, high stability with uncompromising continuous operation.

Technical Data & Ordering Information

Model Name	MGS020	MGS050	MGS200
Number of stirring positions		1	
Stirring quantity	Upto 20 L		Upto 200 L
Motor Type	BLDC 15 motor		BLDC 30 motor
Stirring bar length	35 - 80 (in mm)	80 - 120 (in mm)	155 (in mm)
Material Housing		304 Stainless steel	
Display		Digital LCD Display	500 x 500
Speed range	0 - 1000 rpm	400 x 490 x 110	0 - 600 rpm 500 x 590 x 110
Timer		14 Kgs	25 Kgs
Set-up plate dimensions in mm	300 x 300	400 x 400	500 x 500
Dimensions (L x B x H) mm	300 x 390 x 110	400 x 490 x 110	
Weight of the Product	12 Kgs	14 Kgs	25 Kgs
Weight / Load (it can Sustain)	30 Kgs	70 Kgs	70Kgs
Process Equipments			
Indirect Load It can stir	Volumes up to 20L	Volumes up to 50L	Volumes up to 200L
Ramp Rate		Adjustable for different viscosity	
USB Interface (Upgradable)	YES - Option to connect Labquest Data Logger & Printer		
Permissible temperature	5 °C to 40 °C		
Max Current	0.3 A		0.5 A
Motor rating output	30W		60W
HSN Code	90278090		
Ordering Code	BLFHMG02000000000	BLFHMG05000000000	BLFHMG20000000000
Prices / Piece	On Request		

Quantity :- Standard Packing per Cartoon.



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ASIAN SCIENTIFIC INSTRUMENTS
SUPER MARKET FOR LAB ITEMS

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Stirrers

Compact multiposition magnetic stirrer with digital display offering accurate speed, timer, temperature setting.

Magnetic Stirrers with Heating - Multiple Position

for liquid heating mixing parallel and series of experiments. It is the essential mixing instrument for biology, heredity, medicine and health, environmental protection and biochemistry laboratories.

Technical Data & Ordering Information



Technical Data & Ordering Information

Model Name	MHPS 5P	MHPS 10P	MHPS 15P
Stirring Position	5	10	15
Plate Temperature	120°C	120°C	120°C
Max Capacity	5 x 250 ml	10 x 250 ml	15 x 250 ml
Max Speed	1500 rpm	1500 rpm	1500 rpm
Timer	1-999 min	1-999 min	1-999 min
Motor Type	BLDC	BLDC	BLDC
Pulse Mode	Yes	Yes	Yes
Display	Digital	Digital	Digital
Plate Material	Stainless Steel Plate with Silicon Sheet		
Power Consumption	450W	450W	800W
Magnetic bar	25mm	25mm	25mm
Top plate dimensions(LxB) in mm	565x136	565x196	565x282
Product dimensions LxBxH in mm	565x136x75	565x196x75	565x282x75
Protection Class	IP42	IP42	IP42
HSN Code	84798200		
Ordering Code	100MHPS0515000	100MHPS1015000	100MHPS1515000

Quantity :- Standard Packing per Carton.



Laboratory Stirrers

Compact magnetic stirrer with digital display offering accurate speed, timer setting

Magnetic Stirrers - Stir only applications

A magnetic stirrer is a laboratory device that employs a rotating magnetic field to cause a stir bar immersed in a liquid to spin very quickly, thus stirring it. It finds applications in chemistry & biology experiments involving Dilution, Maintaining suspensions, Homogenisation and Dissolution, Emulsions in a laboratory.

Technical Data & Ordering Information

Model Name	MGS001	MS One	MS Four	MLS010	MLS050
Stirring Position	I	I	4	I	I
Max Capacity	upto 5L	800ml	4 × 400ml	10L	50L
Max Speed	2200 RPM	1500 RPM	1200 RPM	upto1000 RPM	upto1000 RPM
Timer	0-999 min	1-99min	1-99min	Continuous	Continuous
Pulse Mode	NA	Yes	Yes	NA	NA
Display	LED	Digital	Digital	LED	LED
Plate Material	SS304	SS304	SS304	SS	SS
Type of Motor	AC	Motorless	Motorless	BLDC	BLDC
Slip Detection	NA	NA	NA	Yes	Yes
Power Consumption	1Å, 230V, 25W	1.5Å, 12V, 5W	2Å, 9V, 13W	1.5Å, 12V, 30W	2Å, 12V, 60W
Magnetic Bar	25mm	25mm	25mm	25, 35, 50, 60	25, 35, 50, 60
Top Plate Dimensions (L × B) in mm	189 × 208	150 × 100	385 × 182	250 × 250	370 × 370
Product Dimensions (L × B × H) in mm	284 × 188 × 120	156 × 110 × 14	457 × 126 × 14	310 × 250 × 100	430 × 370 × 100
Protection Class	IP2I	IP65	IP65	IP42	IP42
HSN Code			90278090		
Ordering Code	BLFHMG5 00100000000	100MS0 00115000	100MS0 00412000	BLFHML S01000000000	BLFHML S05000000000

Quantity :- Standard Packing per Cartoon.





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BOROSIL[®]
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Hot Plates

Precise digital temperature control and timer function

Rectangular Hot Plates

Labquest microprocessor PID controlled Hot Plates offers uniform & precise heating along with safe working. It finds applications in acid and base digestions, trace metal analysis, sample drying, general reagent heating, evaporation, cytological & histological studies. These products are widely used in industries such as chemicals, automobile & pharmaceutical laboratories.

Technical Data & Ordering Information

Model Name	HPL020	HPL030	HPL400
Max Capacity Beaker	500 ml Beaker x 12 pc	500 ml Beaker x 18 pc	2L Beaker
Max Plate Temperature		Upto 300°C	
Timer		Digital Timer	
Display		LED Display	
Plate Material	Aluminium	Aluminium	SS 304 Top Plate
Power Consumption	2000W	3000W	400W
Top Plate Dimensions (LxB) mm	300 x 450	450 x 600	155 x 150
Product Dimensions(LxBxH) mm	300 x 450 x200	450 x 600 x 200	260 x 190 x 155
HSN Code		84798200	
Ordering Code	BLFHHPLO2000000000	BLFHHPLO3000000000	BLFHHPLO4000000000

Quantity :- Standard Packing per Cartoon.



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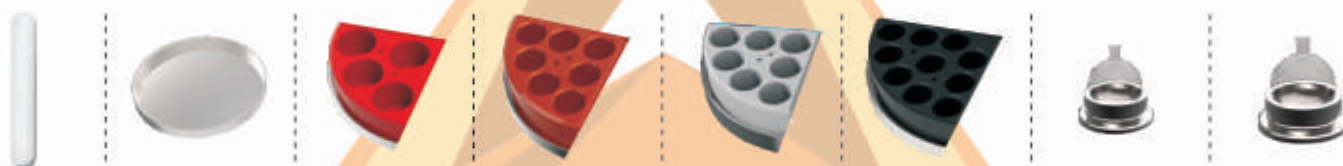
Laboratory Stirrer Accessories

Aluminium Blocks & Stir Bars are basic accessories that promote safe & better heat transfer while using RB Flask or Reaction Tubes on a Hot Plate

Aluminum Heating Blocks

The aluminum heating reaction blocks provides safe working. The accessories blocks are used with various hot plate stirrers & suitably replace oil bath & heating mantles thus promoting safe laboratory working.

Magnetic stir bars in various sizes are also available.



Technical Data & Ordering Information

Model Name	Ordering Code	Pack Size
Accessory Stir Bar D: 8mm × 25mm	I00MSA0BL08025	10
Accessory Stir Bar D: 8mm × 35mm	I00MSA0BL08035	10
Accessory Stir Bar D: 12mm × 50mm	I00MSA0BLI2050	10
Accessory Stir Bar D: 13mm × 60mm	I00MSA0BLI3060	1
Aluminium Blocks Organiser Carry Plate	BLAHHPSA00QP000000	1
Aluminium Quarter Block 4 × 20 ml	BLAHHPSA00QB200000	1
Aluminium Quarter Block 4 × 30 ml	BLAHHPSA00QB300000	1
Aluminium Quarter Block 7 × 16 ml	BLAHHPSA00QB160000	1
Aluminium Quarter Block 10 × 8 ml	BLAHHPSA00QB080000	1
Aluminium Quarter Block 12 × 4 ml	BLAHHPSA00QB040000	1
Aluminium Reaction Block RB 50 ml	BLAHHPSA00RB050000	1
Aluminium Reaction Block RB 100 ml	BLAHHPSA00RB100000	1
Aluminium Reaction Block RB 250 ml	BLAHHPSA00RB200000	1
Aluminium Reaction Block RB 500 ml	BLAHHPSA00RB500000	1
PT1000 Probe	I00MHPS0IPT100	11
Probe Stand	I00MHPS0IPS000	1

Quantity :- Standard Packing per Cartoon.



ASIAN SCIENTIFIC INSTRUMENTS

SUPER MARKET FOR LAB ITEMS

BOROSIL[®]
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Heating Mantles

The intelligently designed safe heating mantles provide safety cut off with precise heating along with time & temperature display like never before

Heating Mantles

The equipment precisely fits the boiling and distillation flask, round bottom flasks or relevant reaction vessels providing consistent and controllable heating of organic liquids required for the boiling, evaporation, distillation, or extraction process.



Technical Data & Ordering Information

Model Name	GMC250	GMC500	GMC010
Flask Capacity	250 ml	500 ml	1000 ml
Working Temperature Range	Ambient +5 °C to 350 °C		
Temperature Accuracy	1°C		
Timer	upto 999 mins or continuous		
Power Requirements	1A, 150W	1A, 200W	1.5A, 300W
Display	LED Display with Temperature, Time and Process Status		
Top Plate Material	MS	MS	MS
Body Construction	MS	MS	MS
Product Dimensions (L × B × H) mm	310 × 330 × 160	310 × 330 × 160	310 × 330 × 160
Stage wise Heating Modes	Yes	Yes	Yes
External Temperature Probe	PT 100		
HSN Code	84198990		
Ordering Code	BLFHGMC25000000000	BLFHGMC50000000000	BLFHGMC01000000000

Quantity :- Standard Packing per Cartoon.

Technical Data & Ordering Information

Model Name	HMC020	HMC050	HMC011
Flask Capacity	2 L	5 L	10 L
Working Temperature Range	Ambient +5 °C to 350 °C		
Temperature Accuracy	1°C		
Timer	upto 999 mins or continuous		
Power Requirements	2.5A, 450W	3A, 600W	6A, 1200W
Display	LED Display with Temperature, Time and Process Status		
Top Plate Material	SS	SS	SS
Body Construction	MS	MS	MS
Product Dimensions (L × B × H) mm	263 × 355 × 136	320 × 320 × 260	450 × 603 × 215
Stage wise Heating Modes	Yes	Yes	Yes
External Temperature Probe	PT 100		
HSN Code	84198990		
Ordering Code	BLFHMC02000000000	BLFHMC05000000000	BLFHMC01100000000

Quantity :- Standard Packing per Cartoon.

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Heating Mantles

Ideal for busy laboratories with multiple users or experiments needing different set temperatures at the same time



Multiposition Heating Mantles

The equipment precisely fits the boiling and distillation flask, round bottom flasks or relevant reaction vessels providing consistent and controllable heating of organic liquids required for the boiling, evaporation, distillation, or extraction proces.

Technical Data & Ordering Information

Model Name	MPM062	MPM065
Heating Position	6	6
Max Flask Capacity	250 ml	500 ml
Temperature Range	Ambient +5°C to 350°C	Ambient +5°C to 350°C
Temperature Control	PID with digital energy regulator	PID with digital energy regulator
Temperature feedback	Yes	Yes
Temperature Accuracy	1 °C	1 °C
Display Timer	0 - 999 min and Infinite	0 - 999 min and Infinite
Material of Construction	M.S Powder coated body with SS304 Top Plate	M.S Powder coated body with SS304 Top Plate
Unit Dimensions (L × B × H) mm	1000 × 330 × 135	1000 × 330 × 135
HSN Code	84198990	84198990
Ordering Code	BLFHMPM06200000000	BLFHMPM06500000000

Quantity :- Standard Packing per Carton.



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Scientific

Precision Heating Mantles

The intelligently designed safe heating mantles provide safety cutoff with precise heating & stirring features

Precise Stirring & Heating Mantles

The equipment precisely fits the boiling and distillation flask, round bottom flasks or relevant reaction vessels providing consistent and controllable heating of organic liquids required for the boiling, evaporation, distillation, or extraction process.



Technical Data & Ordering Information

Model Name	PRM250	PRM500	PRM010	PRM020
Flask Capacity	250 ml	500 ml	1L	2 L
Working Temperature Range	Ambient +5 °C to 350°C			
Temperature Accuracy	1 °C			
Timer	upto 999 mins or continuous			
Stirring Speed	300 - 2200 rpm			
Power Requirements	1A, 150W	1A, 200W	1A, 200W	2.5A, 450W
Display	LED Display with Temperature, Time and Process Status			
Top Plate Material	SS	SS	SS	SS
Body Construction	SS	SS	SS	SS
Product Dimensions (L × B × H) mm	310 × 330 × 160	310 × 330 × 160	310 × 330 × 160	263 × 355 × 136
Stage wise Heating Modes	Yes	Yes	Yes	Yes
External Temperature Probe	PT 100			
HSNCode	84198990			
Ordering Code	BLFHPRM 2500000000	BLFHPRM 5000000000	BLFHPRM 0100000000	BLFHPRM 0200000000

*PRM Capacities 5L & 10 L available on request

Quantity :- Standard Packing per Carton.

Mini Lab Reactor

Mini Lab Reactor is available with a multi-neck round bottom flask, optimized for academic and research applications. It is a cost-effective solution that includes on oil bath-based heating that eliminates the need for an external heating system. We provide optional cooling to prevent reaction runaway in case of an exothermic reaction. We supply explosion-proof variants for critical applications on special request.





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- SS Body Oil bath with Drain Valve
- Non Sparking stirrer Drive
- Effortless height Adjustment
- SS Body Oil bath with Drain Valve

This series reactors is the ideal instrument in experiments and manufacturing of modern chemistry, fine chemical engineering, bio-pharmaceuticals and new material synthesis.

Technical Data & Ordering Information

Model Name	MLR250	MLR500	MLR010
RB Reactor Capacity	250ml	500ml	1000ml
Number of Necks*		1CN, 4SN	
Heating Bath Volume		5L	
Temperature Range#		-10°C to 200°C	
Condenser		Double Coil Condenser	
Feed Funnel		Pressure Equalizing	
Receiver Vessel		500ml with Round bottom	
Temperature sensor with glass thermovalve	Yes	Yes	Yes
Hot Bath Drain		Yes (SS)	
Absolute mBar(Pressure)	100-1000 mBar	100-1000 mBar	100-1000 mBar
Vaccum mBar	100-1000ml	100-1000ml	100-1000ml
Stirring Speed(rpm)	50-1000rpm		
impeller	PTFE coated centrifugal	PTFE coated centrifugal	PTFE coated centrifugal
Stirring Power	24W	24W	24W
Agitator	Centrifugal desgin BLDC, SS304 coated with reinforced PTEE Shaft Dia8mm X350mm Ht		
Power		1kW, 230V 50Hz	
Control Unit	Temperature / RPM control Unit with LED Display		
7 seg digital LED controller		YES	
Dimension of Unit MLR		470 × 300 × 750 mm	
Product Codes	BLFHMLR25000000000	BLFHMLR50000000000	BLFHMLR01000000000
HSN			

* RB Standard Neck sizes Applicable

For Exothermic Recations below RT - External Chiller Needs to be attached. See our Chiller Range

Quantity :- Standard Packing per Cartoon.

ASIAN SCIENTIFIC INSTRUMENTS

SUPER MARKET FOR LAB ITEMS



Recirculating Chillers

labquest state-of-the-art Chillers ensures accurate and constant conditions of instruments even in the challenging laboratory conditions. Recirculating chillers offer multiple benefits, including reducing user costs, protecting the environment, improving reaction reproducibility

Cooling & Heating Circulators

Routine laboratory applications involving rotary evaporators, soxhlet & lab Distillations, jacketed reactors, solvent tanks, Warming reagents, coliform determinations, sample thawing, bacteriological examinations, microbiological assays, cell cultivation, vacuum systems, and even analytical instruments.

Model Name	CHL175	CHL500	CHL010	CHL020
Tank capacity	5 L	7.5 L	10 L	20L
Tank Size	325 × 176 × 150	325 × 265 × 150	325 × 265 × 200	375X300X250
Overall Dimensions	508 × 257 × 596	594 × 327 × 596	594 × 396 × 723	700X550X700
Cooling capacity	175 W	500 W	1000 W	2000W
Pump flow rate	12.5 LPM	12.5 LPM	12.15 LPM	15LPM
Display	LED	LED	LED	LED
Temperature stability	± 1.0 °C	± 1.0 °C	± 1.0 °C	± 1.0 °C
Temperature range	-10 °C to ambient -5 °C	-10 °C to ambient -5 °C	-10 °C to ambient -5 °C	-10 °C to ambient -5 °C
Castor Wheels for Mobility	NA	Yes	Yes	Yes
HSN Code	84798999			
Ordering Code	BLFRCHLI7500000000	BLFRCHL5000000000	BLFRCHL0100000000	BLFRCHL0200000000
Prices / Piece	On Request	On Request	On Request	On Request

Quantity :- Standard Packing per Cartoon.

Recirculating Heater / Chiller

Technical Data & Ordering Information

Model Name	CTR175	CTR500	CTR010
Tank capacity	5 L	7.5 L	10 L
Tank size (L × B × H) mm	325 × 176 × 150	325 × 265 × 150	325 × 265 × 200
Overall Dimensions (L × B × H) mm	508 × 257 × 596	594 × 327 × 596	594 × 396 × 723
Cooling capacity	175 W	500 W	1000 W
Pump flow rate	12.5 LPM	12.5 LPM	12.5 LPM
Heater Capacity	1200 W	1200 W	1200 W
Display	LED	LED	LED
Temperature stability	± 1.0 °C	± 1.0 °C	± 1.0 °C
Temperature range	-10 °C to ambient -5 °C	-10 °C to ambient -5 °C	-10 °C to ambient -5 °C
Castor Wheels for Mobility	NA	YES	YES
HSN Code	84798999		
Ordering Code	BLFRCTR1750000000	BLFRCTR5000000000	BLFRCTR0100000000

Quantity :- Standard Packing per Cartoon.



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ASIAN SCIENTIFIC INSTRUMENTS SUPER MARKET FOR LAB ITEMS



Vacuum Pump (Oil-free)



- Boro-017 Vacuum pump is a piston-powered, oil-free pump. With innovative electronic, mechanical technology and human design concept make, compact and light weight, clean and maintenance free, safe and comfortable.
- Driven by Piston, without the need of lubricant, regular oil changes and maintenance; with no oil pollution.
- Equipped with filter cartridge in air inlet to filter particle and moisture to prolong the life of pump.
- Motor has a built-in thermal protection device to shut off the pump automatically when overheated and then resume working when the temperature cools down.

BORO017

Single Position Manifold



Suitable for



BORO034

Three Position manifold

BORO060

Six Position manifold



Technical Data & Ordering Information

Model Name	BORO - 017	BORO034	BORO060
Power (V / Hz)	220 / 50	220 / 50	220 / 50
Max. Vacuum	100 mbar	100 mbar	100 mbar
Max. flow rate	17 L / min	34 L / min	60 L / min
Motor rotation	1450 rpm	1450 rpm	1450 rpm
Outlet Port thread	9 mm	9 mm	9 mm
Vacuum Stage	Single	Double	Double
Suitable for Filtration	Single Station Manifold	3 Position manifold	6 Position manifold
Noise level	50 dB	60 dB	52 dB
Weight	4.4 kg	5.4 kg	8.6 kg
Dimension (W × D × H) mm	(272 × 142 × 165)	310 × 152 × 165	340 × 155 × 195
Electrical Requirement	0.3 A	0.4	1
Power Consumption	65 W	80	190
Ordering Information	100VP300017	100VP400034	100VP600060
HSN Code	84798200	84798200	84798200

*Note Caution - Oil Free Series -Never pump toxic, explosive, flammable, corrosive gases, chemicals, solvents or powders. Flowing substances, explosion or fire can cause bodily injury. Install the pump in an area without explosive or flammable substances.

Quantity :- Standard Packing per Cartoon.

Accessories

Description	Ordering Code
-------------	---------------

Vacuum Suction Bottle* To maintain an inert environment by removing air or gases from the reaction vessel.

100VPSB0020

Connecting a vacuum suction bottle in case of oilfree pump filtrations helps protect the pump's components by preventing any liquid or solid material from entering the pump during the filtration process. Thus it ensures higher lifespan for Pump.

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BORO CR C300



BORO CR C400

- High chemical resistant
- Long-term durable
- No air pollution, maintenance free
- Smooth surfaces for easy cleaning
- Sealing system provides reduced leakage rates for improved ultimate vacuum
- Quiet and low vibration
- Thermal protection device

Chemical resistance vacuum Pump



The construction with PTFE makes them very resistant to chemical vapors from inlet to exhaust and very tolerant to condensates. Pumping chambers are hermetical ensuring long lifetimes of mechanical parts. Most importantly, diaphragm pumps are oil-free, with vastly reduced service demands compared with oil sealed pumps. They eliminate the cost of water and its contamination well-known from water-jet aspirators and the waste-oil disposal of rotary vane pumps. They are chemical resistant diaphragm vacuum pumps which can be widely used for hard acidic, basic and solvent vapors by utilizing corrosion proof PTFE on all the wetted surfaces.

Technical Data & Ordering Information

Model Name	BORO CR C300	BORO CR C400
Power (V / Hz)	220V / 50Hz	220V / 50Hz
Max. Vacuum	101 mbar	120 mbar
Max. flow rate	22 L / min	34 L / min
Motor rotation	1450 rpm	1450 rpm
Outlet Port thread	10 mm	10 mm
Vacuum Stage	Single	Single
Noise level	50 dB	50 dB
Weight	6 kg	8.5 kg
Dimension (W × D × H)	233 × 110 × 210	294 × 156 × 195
Electrical Requirement	0.5	0.5
Power Consumption	60	95
Ordering Information	100VPC30022	100VPC40034
Prices / Piece	On Request	On Request

Quantity :- Standard Packing per Cartoon.



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Glass Dryer

Labquest dryer offers basic solutions of quick drying laboratory glasswares

Labquest Glass dryers can be used as bench top model or wall hanging in your laboratory washing area. It offers drying of laboratory articles in 10 to 15 minutes. Useful for quick drying viz. GCMS glasswares, Kjeldahl digestion tubes, routine work involving assorted glassware, general purpose drying.



Technical Data and Ordering Information

Model Name	GDS020
No of Pegs	21
16mm	8 Nos
10mm	8 Nos
7mm	5 Nos
Temperature Range	Ambient to 70°C
Time Control	Yes
Drying Power	650W
Dimensions (LxBxH)mm	440x170x550
Voltage	240 V
HSN Code	84798200
Ordering Code	BLFGGDS02000000000

Quantity :- Standard Packing per Cartoon.



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Micro Centrifuge

Smart, Sturdy & Silent intelligently designed micro centrifuge built to make your life easier in lab

MCF08VT

With insights gleaned from extensive user-research, Borosil's MCF08VT is everything that a user could want. From reliable performance and high-quality components to intelligently designed chassis and user-friendly interface, MCF08VT is built to make your life easier in the lab.

Technical Data and Ordering Information

Model Name	GDS020
Rotor Position	8x1.5/2.0 ml Microtubes
Tube Capacity in ml	1.2/2.0/0.2/5
Max Speed (RPM)	1000-6000 rpm in 100 rpm steps
RCF(g)	2000 g
Display	Digital
Noise Level	< 50 DB
Imbalance Detection	Yes
Timer	1-25 Minutes & Infinite Mode
Dimension (LxBxH)	162x157x116
Weight	1.1 kg (With Rotor)
Rotors & Adapters (Including in Standard Pack)	.0 ml Closed Rotor, PCR strip Rotator (2 x 8 x 0.2 m) Reduction adaptors for 0.2 / 0.5ml Microtubes
HSN Code	84211999
Ordering Code	100MCF00800VT0

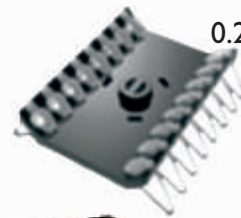
Quantity :- Standard Packing per Cartoon.



8 x 1.5/2ml rotor



PCR strip rotor



0.2/0.5ml tube reducers



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Micro Centrifuge

Smart, Sturdy & Silent intelligently designed micro centrifuge built to make your life easier in lab

MCF12VT

Delivering top-notch accuracy in every cycle despite high load, MCF12VT has been designed keeping in mind the requirements of the clients. The lightning fast 15000 RPM microprocessor controlled centrifuge can perform at peak efficiency and give the desired results. It gives smooth and silent operation even at the maximum speed.



Technical Data and Ordering Information

Model Name	MCF12VT
Rotor Position	12x1.5/2.0 ml Microtubes
Tube Capacity in ml	1.2/2.0/0.5/0.4/0.2
Max Speed (RPM)	15000 rpm
RCF(g)	15596 g
Display	Large Digital Display
Motor Type	Brushless DC Motor
Noise Level	< 60 DB
Imbalance Detection	Yes
Timer	Countdown timer(1-99 mins & Infinite mode)
Dimension(LxBxH) mm	187x265x115
Weight	2.2 kg with rotor
Rotors & Adapters(Standard Pack include)	1.5/2 ml Angel Rotor, Reduction adaptor for 0.2ml Microtubes Reduction adaptor for 0.4ml / 0.5ml Microtubes
HSN Code	84211999
Ordering Code	100MCF01200VT0

Quantity :- Standard Packing per Cartoon.



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Micro Centrifuge

A resilient micro centrifuge meticulously designed to ensure seamless centrifugation with each rotation.

MCF24VT

The MCF24VT, a 24-place rotor centrifuge, attains speed up to 17040g, featuring a thoughtfully designed low loading height. Crafted after extensive customer research, it is ideal for clinical, molecular, and bacteriological applications.

Technical Data and Ordering Information

Model Name	MCF24VT
Rotor Position	24x1.5/2.0 ml Microtubes
Tube Capacity in ml	0.1/1.2/1.5/2.0
Max Speed (RPM)	500-13400 RPM in steps of 100 RPM
RCF(g)	17040 g
Display	Large Digital Display
Motor Type	Brushless DC Motor
Lid lock safety	Yes
Noise Level	< 60 DB
Imbalance Detection	Yes
Timer	1-999 mins & Infinite Mode
Dimension(LxBxH) mm	381x480x185
Weight	8.2 kg without rotor
Rotors & Adapters(Standard Pack include)	24x1.5/2 ml Angel Rotor, Reduction adaptor for 0.1/0.2/0.5 ml Microtubes Reduction adaptor for 0.4ml / 0.5ml Microtubes
HSN Code	84211999
Ordering Code	100MCF00240VT0

Quantity :- Standard Packing per Cartoon.



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Cooling High Speed Micro Centrifuge

Unmatched Performance safety with preset features for quick cooling



Technical Data and Ordering Information

Model Name	CLM24VT
Cooling Temperature	up to -20°C
Max Speed (rpm)	500-15000 rpm
Programmable Feature	User can set & save up to 99 user defined programs of 4 lines each
Display	Large Black Lit LCD display
Motor Type	Brushless DC motor
Lid Lock Safety	Yes
Imbalance Detection	Yes
Timer Setting	30 secs to 999 mins & infinite mode
Dimension(LxBxH) in mm	452x314x278
Weight	Approx. 43 kgs
HSN Code	84211999
Ordering Code	100CLMC2400VT0

* Product is supplied without rotors, add rotors as per your application

Quantity :- Standard Packing per Carton.

Accessories

Description	Ordering Code
Microtubes Rotor (24x1.5/2ml)(2142xg)	100CLMC2402MLF
Microtubes Rotor (44x1.5/2ml)(2388xg)	100CLMC4402MLF
Angel Rotor 8x5ml (18461xg)	100CLMC0805MLF
PCR Strip Rotor (4x8x0.2ml) (15397xg)	100CLMC4802MLS

24 x 2ml rotor (standard supply)	1.5/2.0ml tubes	0.5ml Adaptor	0.1/0.2ml Adaptor		PCR strip rotor (optional)	0.2ml PCR strip	44 x 2ml rotor (optional)	1.5/0.2ml tubes	0.5ml Adaptor	0.1/0.2ml Adaptor		8 x 5ml rotor (optional)	5ml tube
Max. Speed	15000	15000	15000	15000	Max. Speed	15000	Max. Speed	15000	15000	15000	15000	Max. Speed	15000
Max. RCF x g	21420	18842	14103	16930	Max. RCF x g	15397	Max. RCF x g	22388	19810	17070	17098	Max. RCF x g	18461

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Clinical Centrifuge

Unmatched Performance safety with preset features for quick cooling

Technical Data and Ordering Information

Model Name	DCF06VT
Rotor position	6x15 ml (Fixed angle)
Tube capacity	2/5/7/15ml
Max Speed	6500 rpm + 100 rpm
RCF(g)	3684 g - 6x15 ml
Motor Type	Brushless DC Motor
Noise Level (db)	<60db
Lid Lock Safety	Yes
Imbalance detection	Yes
Timer Setting	1-30 Minutes & Infinite mode
Dimension(LxBxH)mm	260x244x205
Weight	4 kgs (with rotor)
Rotors & Adapters(Including Standard Pack)	6x15ml rotor (fixed angle) Adaptor for 2ml/5ml/7ml Blood collection tube
HSN Code	84211999
Ordering Code	100DCF00600VT0

* Also available in 8x15 ml fixed angle rotor (3873) Part No. 100DCF00800VT0

Quantity :- Standard Packing per Cartoon.

Optional Accessories

Description	Ordering Code
Fixed angle rotor, 8x15ml (1950g)	100CCFA0815MLF

Quantity :- Standard Packing per Cartoon.



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Clinical Centrifuge

Expertly designed Clinical centrifuge for PRP protocols, accommodating wide range of sample sizes while ensuring user protection with motorized safety Latch.



Technical Data and Ordering Information

Model Name	CCD4000VT
Rotor Position*	6x10 ml (swing out rotor), 8x15ml(Fixed Angle), 16x10ml(fixed angle)
Tube capacity in ml	10/15
cooling Temp.	5-40°C
Max Speed (rpm)	500-4000 RPM in steps of 10rpm
RCF	2270g - 6x10 ml
Motor Type	BLDC
Lid Lock Safety	Yes
Noise Level	≤65 db
Imbalance Detection	Yes
Timer	1 to 999 mins, infiite
Dimension(LxBxH) mm	381x480x185
Weight	8.2 kg (without rotor)
HSN Code	84211999
Ordering Code	100CCD00400VT0

* Also available in 8x15 ml fixed angle rotor (3873) Part No. 100DCF00800VT0 **Quantity :- Standard Packing per Cartoon.**

Accessories

Description	Ordering Code	Max Speed
Swing out rotor 6x10ml	100CCD0610MLS	4000
Fixed angle rotor 8x15 ml	100CCD0815MLF	4000
Fixed angle rotor 16x20ml	100CCD1610MLF	4000

Quantity :- Standard Packing per Cartoon.



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Clinical Centrifuge **NEW PRODUCT**

Optimize your molecular biology work flows with a fixed angle plate clinical centrifuge. Tailored for real-time and end time PCR applications for both skirted and nonskirted PCR plates.

Technical Data & Ordering Information

Product code	CCFA250VT
Rotar capacity*	2 microplate - 96 & 384 wells (Fixed Angle)
Maximum RPM/RCF(g)	2500 RPM / 462 g
Motor Type	Brushless DC motor
Speed setting	500 - 2500 RPM in steps of 100 RPM
Timer setting	1 - 99 mins & infinite mode
Lid Lock Safety	Yes
Noise Level	<65 dB
Programmable feature	User can set & save P1 & P2 user defined programs (protocol)
Dimensions (L × W × H)	330 × 265 × 161 mm
Voltage / Consumption	24 W
Weight	4.0 kgs
HSN Code	84211999
Ordering Code	100CCFA0250VT0

*Rotor supplied as standard accessory

Quantity :- Standard Packing per Cartoon.



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Clinical Centrifuge

**NEW
PRODUCT**



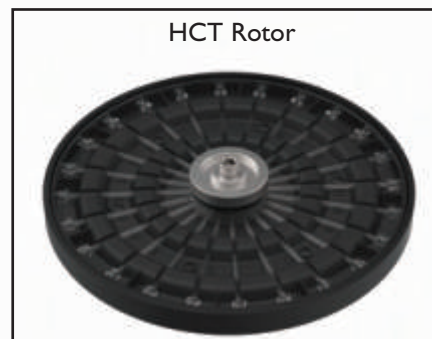
Clinical Centrifuge crafted for hematocrit application. The innovative HCT rotor combined with a screw on top lid, not only enhances operational ease but also provides superior protection against contamination.

Technical Data & Ordering Information

Product code	CCH120VT
Rotar capacity*	24 × up to 75 mm length capillary tubes
Maximum RPM/RCF(g)	12000 RPM / 14118 g
Motor Type	Brushless DC motor
Speed setting	500-12000 RPM in steps of 100 RPM
Timer setting	Upto 12 mins
Lid Lock Safety	Yes
Rotor	HCT Rotor with screw on lid
Programmable feature	User can set parameters beforehand
Dimensions (L × W × H)	330 × 265 × 161 mm
Voltage / Consumption	24V 5.6A / 132W
Weight	4.5 Kgs
HSN Code	84211999
Ordering Code	100CCHI2000VT0

Quantity :- Standard Packing per Cartoon.

*Rotor & Reader supplied as standard accessory



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Clinical Centrifuge

Centrifuge for clinical application are designed to accommodate rotor and blood centrifuge tubes

Technical Data & Ordering Information

Model Name	CCD4504VT
Rotor position	Combi Rotor 4 × 50 ml + 4 × 15 ml or 8 × 15 ml
Tube capacity in ml	15 / 50 ml
Max speed (rpm)	4500 rpm
RCF (g)	1985 × g
Motor Type	Brushless DC motor
Noise level (db)	< 60 db
Lid Lock Safety	Yes
Imbalance detection	Yes
Timer setting	1 - 99 Minutes & infinite mode
Dimension (L × W × H) mm	330 × 265 × 161
Weight	4 Kgs
Rotors and Adaptors (included in standard pack)	Combi Rotor 4 × 50 ml + 4 × 15 ml or 8 × 15 ml Adaptor for 5ml, 7ml, 10ml standard blood collection tube
HSN Code	84211999
Ordering Code	100CCD04504VT0

Quantity :- Standard Packing per Cartoon.

Additional Technical Data

Tube Capacity	50ml	15ml	10ml	7ml	5ml
Dimensions (mm)	025 × 115	017 × 120	016 × 100	013 × 100	012 × 75
Radius (mm)	8.77	8.77	8.77	8.37	8.37
Speed (RPM)	4500	4500	4500	4500	4500
Max. RCF	1985	1985	1985	1985	1985
Total no. of tube	4	8	8	8	8
Adaptor Required	No	No	Yes	Yes	Yes
	No	No	No	No	Yes
	No	No	No	Yes	No

Quantity :- Standard Packing per Cartoon.



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Universal Lab Centrifuge

Designed to provide ideal results with combination rotor with unparalleled safety features



Technical Data & Ordering Information

Model Name	ULC4504VT
Rotor position (max)	4 × 100 ml
Max speed (rpm)	4500 rpm
RCF (g)	g varies as per rotor
Motor Type	Brushless DC motor
Display	Digital
Lid Lock Safety	Yes
Imbalance detection	Yes
Timer Setting	30 sec - 99 mins & infinite mode
Speed Setting	500 to 4500 rpm
Dimension (L × W × H) mm	475 × 585 × 325
Weight	23 Kgs (without rotor)
Rotors (not included)	Multiple rotor options (swing and fixed angle)
HSN Code	84211999
Ordering Code*	100ULC04504VT0

Product is supplied without rotors, add rotors as per your application

Quantity :- Standard Packing per Cartoon.

Optional Accessories

Description	Ordering Code	Max Speed	Max RCF × g
Swing Out Rotor 16 × 15ml	100UCIA1615MLS	4500	3485 g
Swing Out Rotor 8 × 15ml	100UCIA0815MLS	4500	3340 g
Swing Out Rotor 4 × 100ml (with lid)	100UCIA0401LMS	4500	3164 g
Fixed Angle Rotor 16 × 15ml	100UCIA1615MLF	4500	3144 g
Fixed Angle Rotor 6 × 50ml	100UCIA0650MLF	4500	2644 g
Fixed Angle Rotor 4 × 100ml	100UCIA0401MLF	4500	2599 g

Quantity :- Standard Packing per Cartoon.

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Universal Lab Centrifuge

Designed to provide ideal results
with combination rotor with
unparalleled safety features

Technical Data & Ordering Information

Model Name	ULC4204VT
Rotor position (max)	4 × 250 ml
Max speed (rpm)	4200 rpm
RCF (g)	g varies as per rotor
Motor Type	Brushless DC motor
Display	Digital
Lid Lock Safety	Yes
Imbalance detection	Yes
Timer Setting	30 sec - 99 mins & infinite mode
Speed Setting	500 to 4500 rpm
Dimension (L × W × H) mm	475 × 585 × 325
Weight	23 Kgs (without rotor)
Rotors (not included)	Multiple rotor options (swing and fixed angle)
HSN Code	84211999
Ordering Code*	100ULC04204VT0
Product is supplied without rotors, add rotors as per your application	Quantity :- Standard Packing per Carton.

Optional Accessories

Description	Ordering Code	Max Speed	Max RCF × g
Swing Out Rotor 32 × 6ml	100UC2A3206MLS	4200	2766 g
Swing Out Rotor 16 × 15ml	100UC2A1615MLS	4200	2884 g
Swing Out Rotor 4 × 50ml	100UC2A0450MLS	4200	2884 g
Swing Out Rotor 4 × 100 ml	100UC2A0401MLS	4200	2766 g
Swing Out Rotor 4 × 100ml (with lid)	100UC2A0401LMS	4200	2884 g
Swing Out Rotor 4 × 250 ml	100UC2A0402MLS	4200	3181 g
Swing Out Rotor 64 × 6 ml	100UC2A6406MLS	4200	3181 g
Swing Out Rotor 2 Micro plates	100UC2A0002MPS	4200	2074 g
Fixed Angle Rotor 16 × 15ml	100UC2A1615MLF	4200	2410 g
Fixed Angle Rotor 6 × 50ml	100UC2A0650MLF	4200	2410 g
Fixed Angle Rotor 4 × 50ml	100UC2A0450MLF	4200	2331 g
Fixed Angle Rotor 4 × 100ml	100UC2A0401MLF	4200	2272 g
Fixed Angle Rotor 24 × 15ml	100UC2A2415MLF	4200	2489 g

Quantity :- Standard Packing per Carton.



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High Speed Universal Lab Centrifuge



Centrifuge boasts a stainless steel rotor for rapid pelleting centrifugation with a convenient short spin option. Its intelligent air flow system guarantees precise temperature regulation in the chamber, combining durability and ease of maintenance.

Technical Data & Ordering Information

Model Name	ULC1504VT
Rotar Position (max)	4x100 ml
Max speed (rpm)	500-15000 RPM in steps of 100 RPM
RCF	22388g
Display	Large digital display
Motor Type	Brushless DC motor
Lid Lock Safety	Yes
Noise level	<65dB
Imbalance detection	Yes
Timer	1 to 999 mins 59 secs. & infinite mode
Dimension (L X W X H) mm	475x585x325
Weight	23 kg (without rotor)
HSN Code	84211999
Ordering Code	100ULC1504VT00

* Product is supplied without rotors. Rotors to be added as per application

Quantity :- Standard Packing per Cartoon.

Optional Accessories

Description	Ordering Code	Max Speed	Max RCF × g
Swing Out Rotor 16 × 15 ml	100UC3A1615MLS	4500	3305 g
Swing Out Rotor 4 × 50 ml	100aUC3A0450MLS	4500	3305 g
Swing Out Rotor 4 × 100 ml	100UC3A0401MLS	4500	3305 g
Swing Out Rotor 2 Micro plates	100UC3A0002MPS	4500	2377 g
Swing Out Rotor 32 × 06 ml	100UC3A3206MLS	4500	3164 g
Swing Out Rotor 4 × 100 ml (with lid)	100UC3A0401LMS	4500	3164 g
Fixed Angle Rotor 16 × 15 ml	100UC3A1615MLF	6000	4910 g
Fixed Angle Rotor 6 × 50 ml	100UC3A0650MLF	6000	4910 g
Fixed Angle Rotor 4 × 50 ml	100UC3A0450MLF	6000	4750 g
Fixed Angle Rotor 24 × 15 ml	100UC3A2415MLF	6000	5070 g
Fixed Angle Rotor 4 × 100 ml	100UC3A0401MLF	6000	4628 g
Fixed Angle Rotor 24 × 2 ml	100UC3A2402MLF	15000	21420 g
Fixed Angle Rotor 44 × 2 ml	100UC3A4402MLF	15000	22388 g
Fixed Angle Rotor 4 × 8 × 0.2 ml PCR	100UC3A4802MLF	15000	15397 g
Fixed Angle Rotor 8 × 5 ml	100UC3A0805MLF	15000	18461 g

Quantity :- Standard Packing per Cartoon.

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Cooling Universal Lab Centrifuge

Multi-rotor configuration with high speed operation and variable temperature range for wide range of lab protocol.

Technical Data & Ordering Information

Model Name	CULC1504VT
Rotor position (MAX)	4 × 100 ml (fixed & swing out) / 32 × 6 ml (swing out)
Cooling temperature	Up to - 10°C
Max speed (rpm)	15000 rpm
RCF (g)	g varies as per rotor
Display	Large back lit LCD display
Motor type	Brushless DC motor
Speed setting	500 to 15000 rpm
Lid lock safety	Yes
Imbalance detection	Yes
Timer setting	30 secs. to 999 mins 59 secs. & infinite mode
Dimension (L × W × H) in mm	705 × 585 × 330
Weight	57 kgs (without rotor)
HSN Code	84211999
Ordering Code*	100CULC1504VT0

* Product is supplied without rotors, add rotors as per your application

Quantity :- Standard Packing per Cartoon.

Optional Accessories

Description	Ordering Code	Max Speed	Max RCF × g
Swing Out Rotor 16 × 15 ml	100UC3A1615MLS	4500	3305 g
Swing Out Rotor 4 × 50 ml	100aUC3A0450MLS	4500	3305 g
Swing Out Rotor 4 × 100 ml	100UC3A0401MLS	4500	3305 g
Swing Out Rotor 2 Micro plates	100UC3A0002MPS	4500	2377 g
Swing Out Rotor 32 × 06 ml	100UC3A3206MLS	4500	3164 g
Swing Out Rotor 4 × 100 ml (with lid)	100UC3A0401LMS	4500	3164 g
Fixed Angle Rotor 16 × 15 ml	100UC3A1615MLF	6000	4910 g
Fixed Angle Rotor 6 × 50 ml	100UC3A0650MLF	6000	4910 g
Fixed Angle Rotor 4 × 50 ml	100UC3A0450MLF	6000	4750 g
Fixed Angle Rotor 24 × 15 ml	100UC3A2415MLF	6000	5070 g
Fixed Angle Rotor 4 × 100 ml	100UC3A0401MLF	6000	4628 g
Fixed Angle Rotor 24 × 2 ml	100UC3A2402MLF	15000	21420 g
Fixed Angle Rotor 44 × 2 ml	100UC3A4402MLF	15000	22388 g
Fixed Angle Rotor 4 × 8 × 0.2 ml PCR	100UC3A4802MLF	15000	15397 g
Fixed Angle Rotor 8 × 5 ml	100UC3A0805MLF	15000	18461 g

Quantity :- Standard Packing per Cartoon.



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Dry Baths

LabQuest versatile Dry Bath, offers a wide range of inter changeable blocks to accommodate various tubes and plates

Technical Data & Ordering Information

Model Name	LBH010
Temperature Range	Ambient +5°C to 130°C
Temperature Accuracy	±0.5°C at 37°C
Display Resolution	±0.1°C
Heating Up Time	<18 min 30°C TO 130°C
Process Timer	0 - 999 min
Temperature Control	PID and Digital Energy Regulator
Unit External Dimensions (W × D × H) in mm	285 × 190 × 156
Cover For Dry Block	UV protection
Power consumptions	200W
Current Consumption	1A
HSN Code	841989900
Ordering Code	BLFHLBH01000000000

Quantity :- Standard Packing per Cartoon.

Recommended Accessories

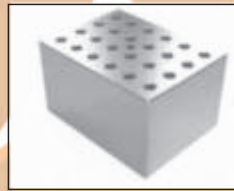
Description	Ordering Code
LBH010 ALU Block - 8 × 4 Well PCR Strip Tube	BLAALBHPCR3208W004
LBH010 ALU Block - 6 × 4 Well, 0.5 ml Tube	BLAALBH0MW2406W004
LBH010 ALU Block - 4 × 4 Well, 1.5 / 2.0 ml Tube	BLAALBH0MW1604W004
LBH010 ALU Block - Multi Versatile Well - 8 Wells	BLAALBHVMW008W004
LBH010 ALU Block - 4 × 3 Well, 15 ml Tube	BLAALBH0MW1204W004
LBH010 ALU Block - 2 × 2 Well, 50 ml Tube	BLAALBH0MW0402W004
LBH010 ALU Bead Bath / Water bath block (w/o beads)	BLAALBH0MW000BB004
LBH010 ALU FLAT 96 well plate block	BLAALBH0MW0096W004

Quantity :- Standard Packing per Cartoon.

8 well PCR strip of 0.2 ml, 32 wells,
φ6.35mm, depth 19mm
BLAALBHPCR3208W004



For 0.5 ml tube, 24 wells,
φ8.0mm, depth 25mm
BLAALBH0MW2406W004



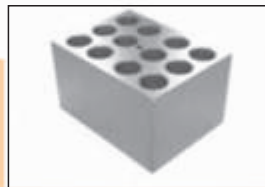
FOR 2.0 ml or 1.5ml tube 16 wells of,
φ11.0mm, depth 30mm
BLAALBH0MW1604W004



Versatile multi well block for 8
wells of 0.2ml tube, 8 wells of 0.5ml
tube, and 8 wells of 2.0ml or 1.5ml
tube BLAALBHV0W008W004



15 ml tube* 12 wells
φ17.3mm, depth 50mm
BLAALBH0MW1204W004



For 50 ml tube* 4 wells,
φ29.2mm, depth 50mm
BLAALBH0MW0402W004



Bead bath or water bath
block Vol of 300ml*
BLAALBH0MW000BB004



Flat 96 well* plate block
BLAALBH0MW0096W004



* During usage of 15ml, 50ml & 96 well plate blocks, top covers remains open



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Incubator

Cooling Incubator with versatile performance

- Compact design for small bench space
- Accomodates flask sizes upto 2L
- Internal power outlet for easy installation of small shakers mixers etc.



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Technical Data & Ordering Information

Model Name	INCH0025
Temperature Range	Ambient less 15 °C to 60 °C
Temperature Accuracy	0.5 °C (at 37 °C)
Temperature Uniformity	± 1.5 °C (at 37 °C)
Temperature Increments	± 1 °C
Dimensions (L × W × H) in mm	337 × 370 × 475
Capacity	25L
Weight	6.5 kgs
Power Consumption	240W
HSN Code	84198990
Ordering Code	100INCH0025000



Orbital Shaker

Maintenance free brushless DC motor for powerful performance under high speed

Technical Data & Ordering Information

Model Name	PL ONE
Type of movement	Orbital
Orbital diameter in mm	2 mm
Number of plates	1
Motor Type	Brushless DC motor
Speed range in rpm	300 RPM to 1800 RPM
Run Time	1 to 99 mins & infinite
Pulse mode	No
Maximum Volume	96 / 384 well plate
Inbuilt Counter balance	Yes
Dimensions (W × D × H)	85 × 127 × 86 mm
Digital Display	Yes
Attachments (included in standard pack)	Replaceable Clamps Form attachment for 20 microtube
HSN Code	84798200
Ordering Code	100PL000100000

Quantity :- Standard Packing per Cartoon.



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High Capacity Orbital Shaker

Platform Shaker with true orbital & linear reciprocating motion



Technical Data & Ordering Information

Model Name	7500S
Type of movement	Orbital / Linear
Orbital diameter in mm	10
Speed range in rpm	50-500 rpm
Motor type	BLDC
Display	Digital
Run time	1 min to 99.59 hrs
Programable feature	6 programs with each program having 9 sub-programs
Program Looping	Yes
Platform Size (L × W) in mm	330 × 330
Dimensions (W × D × H) in mm	350 × 408 × 99
HSN Code	84798200
Ordering Code	100S0000075000

Quantity :- Standard Packing per Cartoon.

Optional Accessoried - For Shaker 7.5 Kg

Description	Ordering Code
Universal platform with adjustable bars (Flask capacity 9 × 250 ml, 6 × 500 ml)	100S00009UPB75
Base plate with 9 plastic clamps : 9 × 250 ml	100S02509BPP75
Base plate with 9 plastic clamps : 9 × 500 ml	100S05009BPP75
Base plate with 9 Stainless steel clamps : 9 × 100 ml	100S01009BPS75
Base plate with 9 Stainless steel clamps : 9 × 250 ml	100S02509BPS75
Base plate with 9 Stainless steel clamps : 9 × 500 ml	100S05009BPS75
Stainless steel Clamp for 100 ml flask	100S0100ISSC00
Stainless steel Clamp for 150 ml flask	100S0150ISSC00
Stainless steel Clamp for 250 ml flask	100S0250ISSC00
Stainless steel Clamp for 500 ml flask	100S0500ISSC00
Stainless steel Clamp for 1000 ml flask	100S1000ISSC00
Funnel Attachment	100S00000FA075

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Quantity :- Standard Packing per Cartoon.

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High Capacity Orbital Shaker

Platform Shaker with true orbital & linear reciprocating motion

Technical Data & Ordering Information

Model Name	15000S		
Type of movement	Orbital / Linear		
Orbital diameter in mm	30, 40, 50		60, 70
Speed range in rpm	50 - 300 rpm		50 - 200 rpm
Motor type	BLDC		
Display	Digital		
Run time	1 min to 99.59 hrs		
Programable feature	6 Programs with each program having 9 subdivision		
Program Looping	Yes		
Platform Size (L × W) in mm	745 × 490		
Dimensions (W × D × H) in mm	625 × 825 × 165		
HSN Code	84798200		
Ordering Code	100S0000150000		
Prices / Piece	On Request		

Quantity :- Standard Packing per Cartoon.

Optional Accessoried - For Shaker 7.5 Kg

Description	Ordering Code
Universal Platform for 44 × 100 ml, 36 × 250 ml, 25 × 500 ml, 13 × 1000 ml	100S00UP150000
Base Plate for Plastic Clamps for 24 × 250 ml, 24 × 250 ml	100S0BPC150015
Plastic Clamp No 250 ml	100S02501PC015
Plastic Clamp No 500 ml	100S05001PC015
Base Plate for SS Clamps 24 × 100 ml, 24 × 150 ml, 24 × 250 ml	100S0BSC250015
SS Clamp No, 100 ml	100S01001SC015
SS Clamp No, 150 ml	100S01501SC015
SS Clamp No, 250 ml	100S02501SC015
Base Plate for SS Clamps 24 × 500 ml, 8 × 1000 ml	100S0BSC100015
SS Clamp No 500 ml	100S05001SC015
SS Clamp No 1000 ml	100S10001SC015

Quantity :- Standard Packing per Cartoon.



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Orbital Shaker

Maintenance free brushless
DC motor for powerful performance
under high speed



Technical Data & Ordering Information

Model Name	PL FOUR
Type of movement	Orbital
Orbital diameter in mm	3 mm
Number of plates	4
Motor Type	Brushless DC motor
Speed range in rpm	200 RPM to 1200 RPM
Run Time	1 to 999 mins & infinite
Pulse mode	Yes
Maximum Volume	4 × 96 / 384 well plate
Inbuilt Counter balance	Yes
Dimensions (W × D × H)	343 × 88 × 195 mm
Digital Display	Yes
Attachments (included in standard pack)	NA
HSN Code	84798200
Ordering Code	100PL000400000

Quantity :- Standard Packing per Cartoon.



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Vortexers

The compact and new-age designed vortex mixer is capable of meeting the mixing requirements of laboratory



Optional Accessories for BHRMI 1.0

Accessories for 96 (Well Plates) Ordering code (Combine) BLAHVMX0206000000		Accessories for (volumetric Flask) Ordering code (Combine) BLA0EVA000FOAM0VMX	
Microplate holder	Well plate locking belt	Volumetric Flask Belt Locker	Foam Holder

Technical Data & Ordering Information

Model Name	BHRMI 1.0
Speed	Up to 2800 rpm
Orbital diameter	6 mm
Motor type	AC motor
Operational mode	Touch, Stand-by & Continuous mode
Feet	Four suction cups
Unit External Dimension (W × D × H) in mm	132 × 160 × 180
Power consumption	55 W
Current consumption	1 A
HSN Code	84798200
Ordering Code	BLFHVMX0100000000

Quantity :- Standard Packing per Cartoon.

Optional Accessories for BHRMI 1.0

Description	Ordering code	Accessories 1.0
Rubber Cup	BLAHVMX0104000000	Included
Flat Foam	BLAHVMX0105000000	
Vial Holder	BLAHVMX0100000001	
Foam Holder	BLAHVMX0101000007	
EVA Vial Holder foam	BLAHVMX0206000000	Optional
Attachment Volumetric Flask	BLA0EVA000FOAM0VMX	

Quantity :- Standard Packing per Cartoon.



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Vortexers

The compact and new-age designed vortex mixer is capable of meeting the mixing requirements of Laboratory



Optional Accessories for BHRMI 1.0

Accessories for 96 (Well Plates) Ordering code (Combine) BLAHVMX02060000000		Accessories for (volumetric Flask) Ordering code (Combine) BLA0EVA000FOAM0VMX	
Microplate holder	Well plate locking belt	Volumetric Flask Belt Locker	Foam Holder

Technical Data & Ordering Information

Model Name	BHRMI 2.0
Speed	Upto 2800 rpm
Orbital diameter	6 mm
Motor type	BLDC motor
Operational mode	Touch, Stand-by & Continuous mode
Timer Setting	0 - 999 min
Display	LED with timer
Feet	Four suction cups
Unit External Dimension (W × D × H) in mm	132 × 160 × 180
Power consumption	56 W
Current consumption	1.5 A
HSN Code	84798200
Ordering Code	BLFHVMX02000000000

Optional Accessories for BHRMI 1.0

Quantity :- Standard Packing per Cartoon.

Description	Ordering Code	Accessories 2.0
Rubber Cup	BLAHVMX01040000000	Included
Flat Foam	BLAHVMX01050000000	
Vial Holder	BLAHVMX01000000001	
Foam Holder	BLAHVMX01010000007	
EVA Vial Holder foam	BLAHVMX02060000000	Optional
Attachment Volumetric Flask	BLA0EVA000FOAM0VMX	

Quantity :- Standard Packing per Cartoon.

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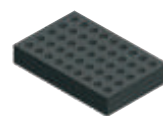
Multitube Vortexer

Engineered for cell lysis, mixing suspensions and general sample agitation

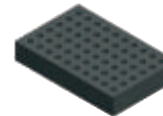
Optional Accessories for Multitube Vortexer



50ml X 18
Tube Holding Foam



15ml X 45
Tube Holding Foam



7ml X 60
Tube Holding Foam



250ml X 6
Tube Holding Foam



100ml X 8
Tube Holding Foam

Technical Data & Ordering Information

Model Name	MTV012
Orbital Diameter in mm	6
Speed range (rpm)	50 - 2200 rpm
Motor type	BLDC motor
Speed Accuracy	±50 rpm
Operation Mode	Pulse & Continuous mode
Maximum Load	4.0 Kg
Digital time setting	1 min - 999 min & Infinite
Dimensions in mm	450 × 245 × 475
Weight (Kg)	24 Kg
Power	60W
Power Supply	AC 100-240V, 50/60Hz
	Foam insert for 07ml × 60 Tubes / Foam insert for 15ml × 45 Tubes
	Foam insert for 50ml × 18 Tubes
HSN Code	84798200
Ordering Code	BLFHMTV0120000000
Prices / Piece	On Request

Optional Accessories for Multitube Vortexer

Quantity :- Standard Packing per Cartoon.

Description	Ordering Code
50ML TUBE HOLDING FOAM	BLA0FOAMMTV0000003
15ML TUBE HOLDING FOAM	BLA0FOAMMTV0000004
7ML TUBE HOLDING FOAM	BLA0FOAMMTV0000005
250ml CONICAL FLASK HOLDING FOAM*	BLA0FOAMMTV0000006
100ml VOLUMETRIC FLASK HOLDING FOAM*	BLA0FOAMMTV0000007

Quantity :- Standard Packing per Cartoon.



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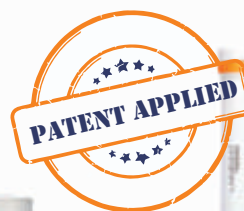
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Bottle Top Dispensers

Great Sample Preparations are made easy by Lab Essentials Dispensers

- Splash safety guard
- Hybrid valve for smooth operation
- Easy calibration reset
- QR code for chemical compatibility chart



Without recirculation

With recirculation

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Technical Data & Ordering Information

Product Code RESEARCH Without Recirculation	Volume Range (ml)	Increment (ml)	Accuracy		CV	
			± %	± ml	± %	± ml
BLFLLH00201 002D00	0.25 - 2.5	0.05	0.6	0.01 2	0.2	0.004
BLFLLH00201 005D00	0.5 - 5.0	0.1	0.6	0.03	0.2	0.01
BLFLLH00201 01 6D00	1.0 - 10.0	0.2	0.6	0.06	0.2	0.02
BLFLLH00201 020D00	2.5 - 25.0	0.5	0.6	0.1 8	0.2	0.06
BLFLLH00201 040D00	5.0 - 50.0	1	0.6	0.36	0.2	0.1 2
BLFLLH00201 100D00	10.0 - 100.0	2	0.6	0.6	0.2	0.2

Quantity :- Standard Packing per Cartoon.

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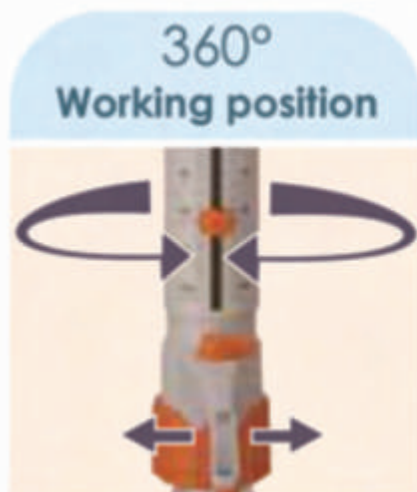
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Product Code PINNACLE With Recirculation	Volume Range (ml)	Increment (ml)	Accuracy		CV	
			+ %	+ ml	+ %	+ ml
BLFLLH002012002D00	0.25 - 2.5	0.05	0.6	0.01 2	0.2	0.004
BLFLLH002012005D00	0.5 - 5.0	0.1	0.6	0.03	0.2	0.01
BLFLLH002012016D00	1.0 - 10.0	0.2	0.6	0.06	0.2	0.02
BLFLLH002012020D00	2.5 - 25.0	0.5	0.6	0.1 8	0.2	0.06
BLFLLH002012040D00	5.0 - 50.0	1	0.6	0.36	0.2	0.1 2
BLFLLH002012100D00	10.0 - 100.0	2	0.6	0.6	0.2	0.2

Quantity :- Standard Packing per Carton.



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e-Titrate

An ergonomically designed digital burette: a perfect solution for Industrial Titration, Environmental and analytical testing, and pharmaceutical analysis.

- Fine adjustment wheel for determining accurate end point
- 2 in 1 instrument for Dosing and Titration
- Built in Calibration mode for liquids of different viscosities
- Moving Cannula for purging and drip free titration
- Complies with DIN ISO 8655-3 Standard
- Memory function allowing storage of 1000 readings

Note : Data could be transferred in PC through RS232 or USB cable using T itrexsoft software as optional Accessory.



Technical Data & Ordering Information

Product code	DB050
Capacity (ml)	0- 50 ml
Display Increment (ml)	0.01
Accuracy in +- %	0.06%
Accuracy in +- ml	0.03
CV in +- %	0.02%
CV in +- ml	0.01
HSN Code	90278090
Ordering Code	LH00201401200FA000

Quantity :- Standard Packing per Cartoon.

Accessories

Description	Ordering Code	price
software along with RS232/ USB Cable	LH002014012FAACC01	On Request

Quantity :- Standard Packing per Cartoon.

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e- Dispenser

**NEW
PRODUCT**

Introducing the next evolution in lab equipment – our Dispenser plus titrator. Seamlessly transition from sample preparation to testing with unparalleled precision and versatility.

- Dual functionality: One Instrument for dispensing and titration
- 3 calibrated preset speed
- In built calibration features allowing highest accuracy
- USB interface for data transfer

Technical Data & Ordering Information

Product code	EHD050
Capacity (ml)	0- 50 ml
Dispense Display Increment (ml)	0.2
Titration Display Increment (ml)	0.01
Accuracy in +- %	0.10%
Accuracy in +- ml	0.05
CV in +- %	0.05%
CV in +- ml	0.025
HSN Code	90278090
Ordering Code	BLFLLH002014012E00
Prices / Piece	On Request

Quantity :- Standard Packing per Cartoon.



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Micropipettes

CI Designed to take manual liquid-handling workflows to a whole new level with industry-leading accuracy and precision.

- Silicone Oring for optimal tip seal
- Robust design includes metal tip base
- Low operating thumb force



Technical Data & Ordering Information - Variable volume

Model Name	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)
LHC17112002	0.2-2	0.02	2.0	1.00
LHC17112005	0.5-10	0.10	1.0	0.50
LHC17112008	2-20	0.20	1.0	0.30
LHC17112016	5-50	0.50	1.0	0.30
LHC17112020	10-100	1.00	0.7	0.20
LHC17112024	20-200	2.00	0.6	0.20
LHC17112029	100-1000	10.00	0.8	0.20
LHC17112033	1000-5000	50.00	0.6	0.15
LHC17112038	1000-10000	20.00	0.6	0.15
HSN Code				84798200

Quantity :- Standard Packing per Cartoon.

Technical Data & Ordering Information - Fixed volume

Model Name	Volume Range (µl)	Inaccuracy (%)	Imprecision (%)
LHC17111001	1	2.5	1.8
LHC17111002	2	2.5	1.8
LHC17111005	5	1.2	0.8
LHC17111006	10	1.0	0.5
LHC17111008	20	1.0	0.3
LHC17111009	25	0.8	0.4
LHC17111010	30	1.2	0.4
LHC17111012	50	1.0	0.3
LHC17111016	100	0.7	0.2
LHC17111020	200	0.6	0.2
LHC17111021	250	2.0	0.6
LHC17111024	500	0.8	0.2
LHC17111029	1000	0.8	0.2
LHC17111030	2000	1.2	0.3
LHC17111033	5000	0.6	0.2
LHC17111038	10000	0.6	0.2
HSN Code	90318000		

Quantity :- Standard Packing per Cartoon.

Optional Accessories

Description	Product Code	Qty/Pack
CI Fixed Vol Knob	On Request	1
CI Variable Vol Knob	On Request	1

Quantity :- Standard Packing per Cartoon.



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Micropipettes

CI Multichannel pipettes minimize human error and maximize the reliability of manual liquid transfer in scientific experiments.

- Ergonomically designed for stress free pipetting
- Recommended for ELISA test
- Molecular screening
- Kinetic studies
- DNA Amplification



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Technical Data & Ordering Information - **8 channel**

Model Name	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)
LHC17113001	0.5-10	0.1	2.00	1.00
LHC17113002	2-20	0.2	2.00	1.00
LHC17113009	5-50	0.5	1.40	0.60
LHC17113016	10-100	1	1.30	0.50
LHC17113020	20-200	2	1.20	0.40
LHC17113022	30-300*	2	1.40	0.30
HSN Code	90318000			

* 30 - 300 ul Multichannel pipetti is available with two knoba : 30 - 200 ul & 125-300

Quantity :- Standard Packing per Cartoon.

Technical Data & Ordering Information - 12 channel

Model Name	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)
LHC17114001	0.5-10	0.1	2.00	1.00
LHC17114002	2-20	0.2	2.00	1.00
LHC17114009	5-50	0.5	1.40	0.60
LHC17114016	10-100	1.0	1.30	0.50
LHC17114020	20-200	2.0	1.20	0.40
LHC17114022	30-300*	2.0	1.40	0.30
HSN Code	90318000			

* 30 - 300 ul Multichannel pipetti is available with two knoba : 30 - 200 ul & 125-300 ul

Quantity :- Standard Packing per Cartoon.

Technical Data & Ordering Information -

Model Name	Description	Prices / Piece
LHC07009006	Micropipette stand for 6 Single Channel Pipette	On Request

Quantity :- Standard Packing per Cartoon.

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Micropipettes

C3 Lightweight, Ergonomic pipette design for every lab application

- Crafted for a comfortable 4 lightweight user experience
- Compatible with universal tips
- ideal shaft for reaching into narrow/deep tubes.



Technical Data & Ordering Information - Fixed volume

Model Name	Volume Range (µl)	Inaccuracy (%)	Imprecision (%)
LHC37111001	1	2.5	1.8
LHC37111002	2	2.5	1.2
LHC37111005	5	1.2	0.8
LHC37111006	10	1.0	0.5
LHC37111008	20	1.0	0.3
LHC37111009	25	0.8	0.4
LHC37111010	30	1.2	0.4
LHC37111012	50	1.0	0.3
LHC37111016	100	0.7	0.2
LHC37111020	200	0.6	0.2
LHC37111021	250	0.4	0.2
LHC37111024	500	0.8	0.2
LHC37111029	1000	0.8	0.2
LHC37111033	5000	0.6	0.2
LHC37111038	10000	0.6	0.2

HSN Code

90318000

Technical Data & Ordering Information - Variable volume

Quantity :- Standard Packing per Carton.

Model Name	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)
LHC37112002	0.2-2	0.01	2.00	1.0
LHC37112005	0.5-10	0.10	1.00	0.5
LHC37112008	2-20	0.10	1.00	0.3
LHC37112016	5-50	0.50	1.00	0.3
LHC37112020	10-100	0.50	0.70	0.2
LHC37112024	20-200	1.00	0.60	0.2
LHC37112029	100-1000	5.00	0.80	0.2
LHC37112033	500-5000	50.00	0.60	0.2
LHC37112038	1000-10000	100.00	0.60	0.15

HSN Code

90318000

Quantity :- Standard Packing per Carton.

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Micropipettes

C3 Lightweight, Ergonomic pipette design for every lab application

- Engineered to reach into narrow/deep tubes
- Comfortable finger rest for both right & left hand usage.

Technical Data & Ordering Information - 8 channel

Model Name	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)
LHC37113001	0.5-10	0.10	1.5	1.50
LHC37113009	5-50	0.50	1.00	0.70
LHC37113016	10-100	0.50	1.00	0.50
LHC37113020	20-200	1.0	0.70	0.25
LHC37113022	30-300	1.0	0.80	0.25
HSN Code	90318000			

Technical Data & Ordering Information - 12 channel

Quantity :- Standard Packing per Cartoon.

Model Name	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)
LHC37114001	0.5-10	0.1	1.50	1.50
LHC37114009	5-50	0.5	1.00	0.70
LHC37114016	10-100	0.5	1.00	0.50
LHC37114020	20-200	1.0	0.70	0.25
LHC37114022	30-300	1.0	0.80	0.25
HSN Code	90318000			

Quantity :- Standard Packing per Cartoon.

Technical Data & Ordering Information -

Model Name	Description
LHC07009004	Micropipette stand for 4 Single Channel Pipette

Quantity :- Standard Packing per Cartoon.



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Electronic Micropipettes

Electronic pipettes are ergonomic with features of pipetting, dispensing programs & reduce muscle strain by performing pipetting steps for the user

- Exceptionally lightweight for effortless pipetting.
- Different modes available - Multi dispensing, Diluting diluting + mixing sequential dispensing.
- Intelligent sleep mode for battery conservation.



Technical Data & Ordering Information -

Model Name	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)
LHC17022008	10-200	0.1	0.6	0.2
LHC17022012	5-100	0.1	0.8	0.2
LHC17022016	250 - 5000	5	0.6	0.2
LHC17022024	50 - 1000	1	0.6	0.2
LHC17022042	0.5-10	0.01	1	1
HSN Code				90318000

Quantity :- Standard Packing per Carton.



Electronic Micropipettes

Technical Data & Ordering Information - 8 channel

Model Name	Volume Range (µl)	Volume Increment (µl)
LHC17023001	0.5-10	0.010
LHC17023002	2-20	0.01
LHC17023016	5-100	0.10
LHC17023020	10-200	0.10
LHC17023022	15-300	0.10
HSN Code	90318000	

Quantity :- Standard Packing per **Cartoon**.

Technical Data & Ordering Information - 12 channel

Model Name	Volume Range (µl)	Volume Increment (µl)
LLHC17024001	0.5-10	0.01
LHC17024002	2-20	0.01
LHC17024016	5-100	0.10
LHC17024020	10-200	0.10
LHC17024022	15-300	0.10
HSN Code	90318000	

Quantity :- Standard Packing per **Cartoon**.



Electronic Pipette Controller

FAST PIPETTE Pipette Controller:
Pipette filling device

- Can hold plastic or glass pipette from 0.1ml upto 100ml
- Double safety valve & hydrophobic filters offer double protection against fluid penetration.

Technical Data & Ordering Information

Product Code	Description
LHC17005011	Pipette filling device
HSN Code	0318000

Quantity :- Standard Packing per **Cartoon**.



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BY BOROSIL®



NEW

Experience the ease of
precise titration with

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BY BOROSIL®

e-Titrate

DIGITAL BURETTE

DIY
DO IT YOURSELF
Re-Calibration

SMART

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Premium Micro Pipette Tips

Free of PCR inhibitors, lubricants and heavy metals

With graduations for visual control of liquid transfer

Certified DNase, RNase and Pyrogen Free

Produced from special diamond polish mould using medical grade virgin polypropylene which provides very high transparency

Available in both standard as well as low retention

With no secondary treatment and with no silicone additives for low retention

With special PE filters for prevention of aerosols and contamination

Specifically configured to fit major Pipette Brands available worldwide

FILTER TIPS

BOROSIL filter tips are manufactured using specifically developed Polyethylene filters to block aerosols from entering into the pipette.

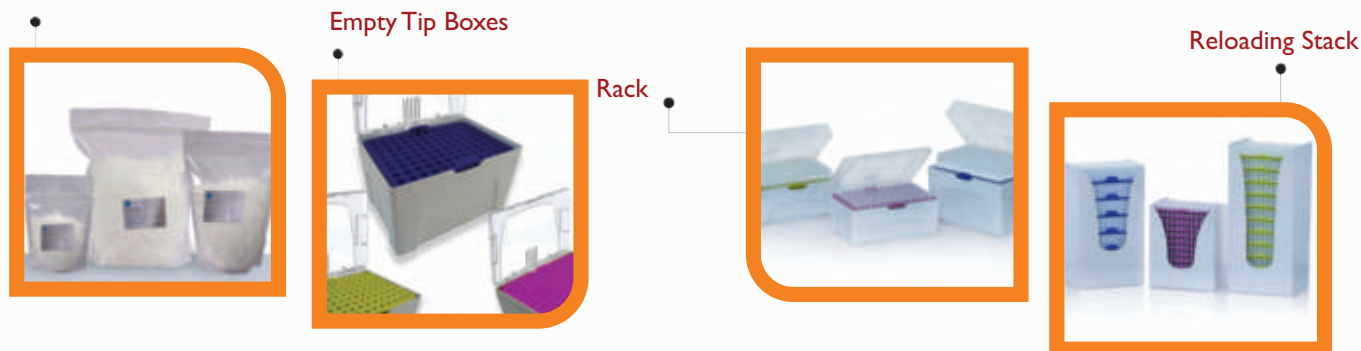
This helps in prevention of cross contamination.

Ideal for use in applications like sequencing, DNA amplification, Tissue culture, RT-PCR and other critical protocols.

LOW RETENTION TIPS

BOROSIL low retention tips are manufactured from a specific resin in combination with high quality diamond finish moulds to give super hydrophobic internal surface. This results in tips having minimum retention with maximum accuracy.

Further since no silicone treatment is given, there is absolutely no leaching effect.





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Tips and
Filter Tips

10 XL-FILTER-TIP	10 XL-Tip	10 XN-tips	10 XN-with-Filter-Tips	10µL LONG			
10µL XL Extra Narrow	10µL	20-200 with filter	100 µL-Tip	100µL			
200 µL-FILTER-TIP	100 µL-Tip	100 µL	200 µL-FILTER-TIP	200 µL-Tip			
200 XL-Tips	200 XL-with-Filter-Tips	200 µL	300µL	1000 µL-FILTER-TIP			
1000 µL-Tip	1000µL	1000XL-LONG-TIP	1000XL-LONG-TIP-WITH-FILTER	1250µL			
AT-5000A	AT-5000A	AT-5000B	AT-5000B	AT-10000A	AT-10000A	AT-10000B	AT-10000B

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Tips The ergonomically optimized cone geometry provides the optimal pipette fit for Labquest Pipette

Technical Data & Ordering Information

Universal Graduated Tips Bulk Pack

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit
BGT000010B	BGT-10B	10	-	1000 Tips / pack
BGT0000200B	BGT-200B	200	-	1000 Tips/ pack
BGT0001000B	BGT-1000B	1000	-	1000 Tips/ pack
BGT0C10005000B	BGT-C10005	5000	Only C1	100 Tips/ pack
BGT0C30005000B	BGT-C30005	5000	Only C3	100 Tips/ pack
BGT0C10010000B	BGT-C10010	10000	Only C1	100 Tips/ pack
BGT0C30010000B	BGT-C30010	10000	Only C3	100 Tips/ pack

Universal Graduated Tips Racks

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit
BGT0000010R	BGT-10	10	-	10 × 96 Tips/rack
BGT0000200R	BGT-200R	200	-	10 × 96 Tips/rack
BGT0001000R	BGT-1000R	1000	-	6 × 96 Tips/ rack

Universal Graduated Tips Racks Sterile

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit
BGT000010SR	BGT-10SR	10	-	10 × 96 Tips/rack
BGT000200SR	BGT-200SR	200	-	10 × 96 Tips/rack
BGT001000SR	BGT-1000SR	1000	-	6 × 96 Tips/ rack

Universal Graduated Tip Racks Sterile Low Retention

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit
BGT00010SLR	BGT-10SLR	10	-	10 × 96 Tips/rack
BGT00200SLR	BGT-200SLR	200	-	10 × 96 Tips/rack
BGT01000SLR	BGT-1000SLR	1000	-	6 × 96 Tips/ rack

Universal Graduated Tip Reload Stack Sterile

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit
BGT000010SZ	BGT-10SZ	10	-	10 × 96 Tips / rack
BGT000200SZ	BGT-200SZ	200	-	10 × 96 Tips / rack
BGT001000SZ	BGT-1000SZ	1000	-	5 × 96 Tips/ rack

Universal Graduated Tip Reload Stack Sterile Low Retention

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit
BGT00010SLZ	BGT-10SLZ	10	-	10 × 96 Tips / rack
BGT00200SLZ	BGT-200SLZ	200	-	10 × 96 Tips / rack
BGT01000SLZ	BGT-1000SLZ	1000	-	5 × 96 Tips/ rack

Quantity :- Standard Packing per Cartoon.



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Filter Tips

Protect pipettes and valuable samples from contamination with Labquest Filter Tips

Technical Data & Ordering Information

Universal Graduated Filter Tips Bulk Pack

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit
BGT000010FB	BGT-10FB	10		1000 Tips/ pack
BGT000020FB	BGT-20FB	20	-	1000 Tips/ pack
BGT000050FB	BGT-50FB	50	-	1000 Tips/ pack
BGT000100FB	BGT-100FB	100	-	1000 Tips/ pack
BGT000200FB	BGT-200FB	200	-	1000 Tips/ pack
BGT001000FB	BGT-1000FB	1000	-	1000 Tips/ pack

Universal Graduated Tips Racks

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit
BGT000010FR	BGT-10FR	10	-	10 × 96 Tips/rack
BGT000020FR	BGT-20FR	20	-	10 × 96 Tips/rack
BGT000050FR	BGT-50FR	50	-	10 × 96 Tips/rack
BGT000100FR	BGT-100FR	100	-	10 × 96 Tips/rack
BGT000200FR	BGT-200FR	200	-	10 × 96 Tips/rack
BGT001000FR	BGT-1000FR	1000	-	6 × 96 Tips/ rack

Universal Graduated Filter Tip Rack Sterile

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit
BGT00010SFR	BGT-10SFR10	10		10 × 96 Tips/rack
BGT00020SFR	BGT-20SFR	20	-	10 × 96 Tips/rack
BGT00050SFR	BGT-50SFR	50	-	10 × 96 Tips/rack
BGT00100SFR	BGT-100SFR	100	-	10 × 96 Tips/rack
BGT00200SFR	BGT-200SFR	200	-	10 × 96 Tips/rack
BGT01000SFR	BGT-1000SFR	1000		6 × 96 Tips/ rack

Universal Graduated Filter Tip Rack Sterile Low Retention

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit
BGT0010SLFR	BGT-10SLFR	10		10 × 96 Tips/rack
BGT0020SLFR	BGT-20SLFR	20	-	10 × 96 Tips/rack
BGT0050SLFR	BGT-50SLFR	50	-	10 × 96 Tips/rack
BGT0100SLFR	BGT-100SLFR	100	-	10 × 96 Tips/rack
BGT0200SLFR	BGT-200SLFR	200	-	10 × 96 Tips/rack
BGT1000SLFR	BGT-1000SLFR	1000		6 × 96 Tips/ rack

Empty Tip Box

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit
BGT00010ETR	BGT-10ETR	10		10 Rack Boxes
BGT00200ETR	BGT-200ETR	200		10 Rack Boxes
BGT01000ETR	BGT-1000ETR	1000		6 Rack Boxes

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Quantity :- Standard Packing per Cartoon.

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We Automate Chemistry

Introducing cutting-edge glass reactors with full automation from India's leading scientific glass manufacturer. Customize your needs with our exclusive range, including block-based carousels, bath-based spherical reactors, bench-top cylindrical reactors, and pilot plants, offering a comprehensive selection.

Our **O** ERINGS

- Automated & Standard Lab Reactors up to 35 liters
- Pilot Plants & Turnkey Projects up to 250 liters
- Multi Reactor Station
- Automated Reflux Divider
- Motorised Liquid Dispenser
- Fume Scrubbers
- Filter Reactors & Nutsche Filters

Key Features

- Process Consultation & Design Services
- Automation & System Integration
- CGMP Compliance
- ATEX Proof System
- HAZOP Compatible
- Customizable Solutions
- Documentation

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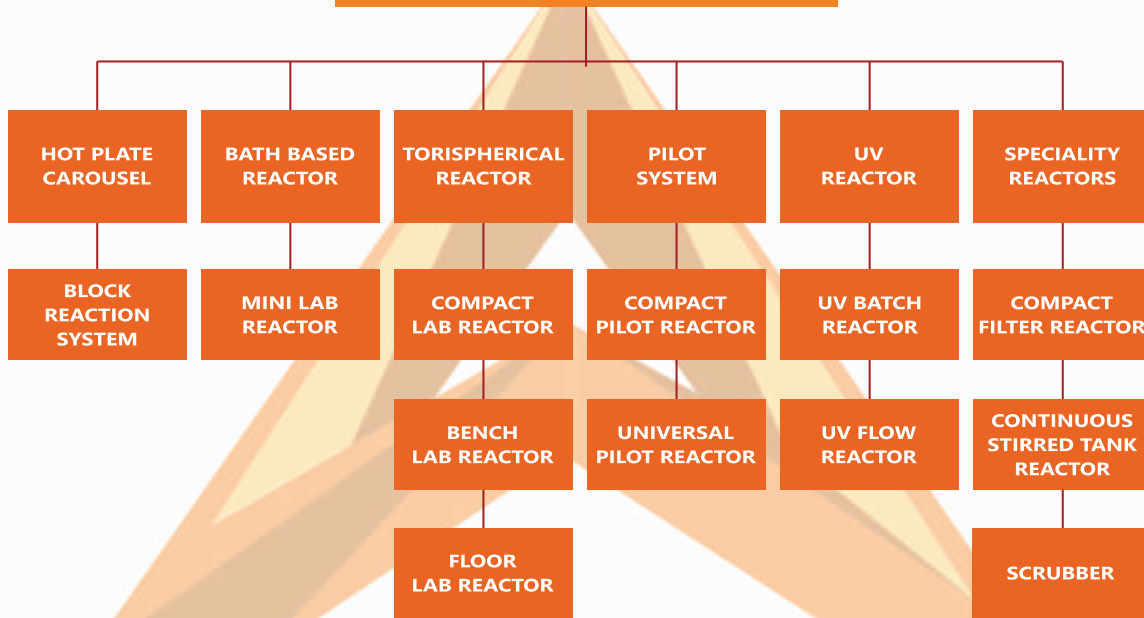
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PRODUCT PORTFOLIO



AUTOMATION

We commit to provide complete automation systems for Lab reactors and ensure that our users achieve absolute peak precision and efficiency in their processes. Our automation systems enable precise control of key parameters such as temperature, stirring speed and dosing. These systems cater recipe making, real-time monitoring and data logging capabilities, allowing for detailed analysis of reaction performance over time.



Auto Basic

➤ Upto 2 Devices

Auto Expert

➤ Upto 4 Devices

Auto Advanced

➤ 8+ Devices

Additions :

➤ PC based SCADA Solutions

➤ Power distribution with complete control

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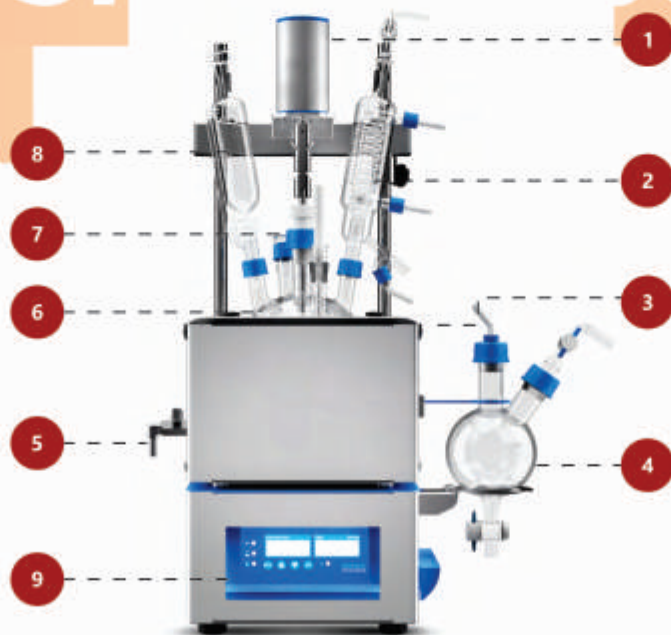
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MLR

Mini Lab Reactor

Sr. No.	Description	Qty	Part Code / Ref
1	Agitator Drive	1	Table No. 28
2	Condenser	1	Table No. 5
3	Heating Bath	1	BLA0MLR02030000000
4	Receiver Vessel	1	Table No. 7
5	Drain	1	BLA0BV00BR00080MLR
6	5 Neck Round Bottom Flask	1	Table No. 8
7	Agitator Assembly	1	Table No. 14
8	Feeding Funnel	1	Table No. 6
9	Control Unit	1	BLA0MLR02020000000

SINCE 1966



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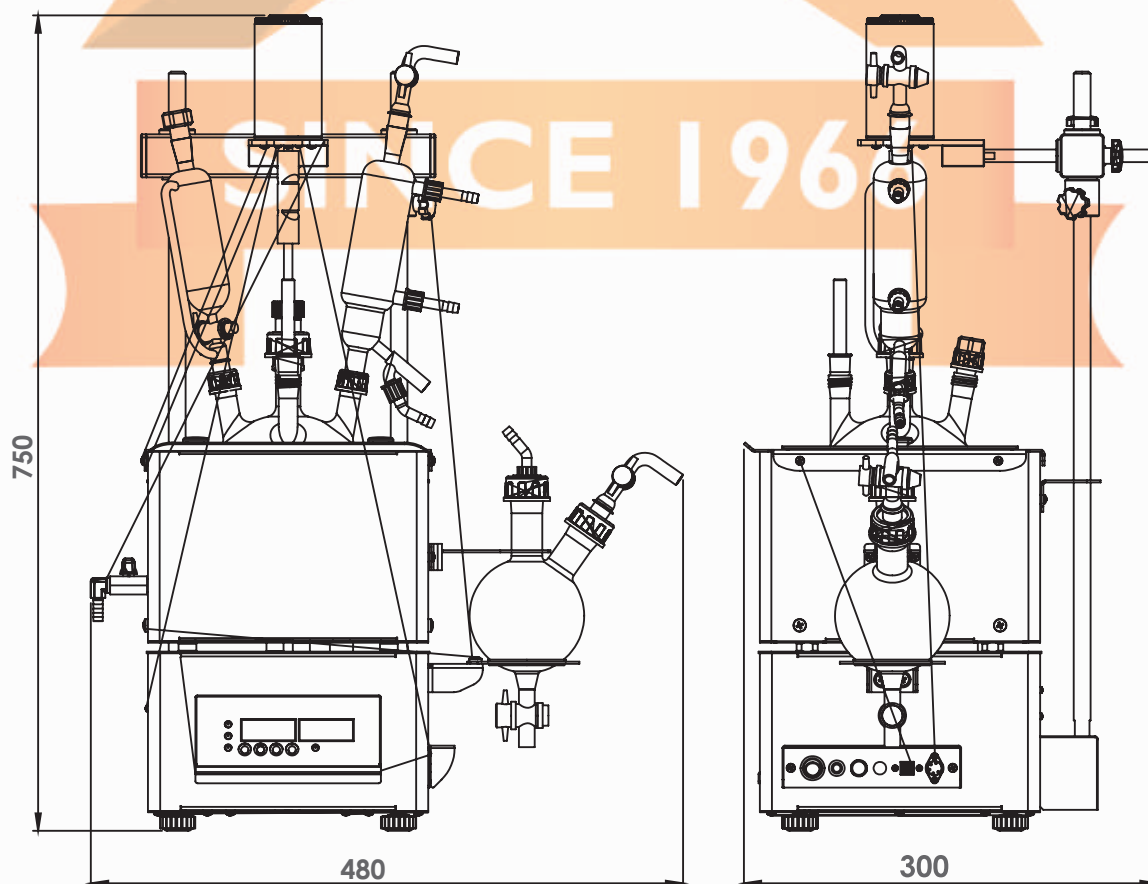
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Mini Lab Reactor is available with a multi-neck round bottom flask, optimized for academic and research applications. It is a cost-effective solution that includes an oil bath-based heating that eliminates the need for an external heating system. We provide electronic control for temperature, speed, time, and step reaction. We provide optional cooling to prevent reaction runaway in case of an exothermic reaction. We supply explosion-proof variants for critical applications on special request.

Assembly Code	Capacity	Temperature °C	Pressure Barg	L x B x H mm
BLFRMLR25000000000	250 mL	ambient to 250	Full Vacuum to 0.5	480 x 300 x 750
BLFRMLR50000000000	500 mL	ambient to 250	Full Vacuum to 0.5	480 x 300 x 750
BLFRMLR00100000000	1 L	ambient to 250	Full Vacuum to 0.5	480 x 300 x 750
BLFRMLR00200000000	2 L	ambient to 250	Full Vacuum to 0.5	620 x 400 x 1000
BLFRMLR00300000000	3 L	ambient to 250	Full Vacuum to 0.5	620 x 400 x 1000
BLFRMLR00500000000	5 L	ambient to 250	Full Vacuum to 0.5	620 x 400 x 1000

** Customization are available as per requirements.



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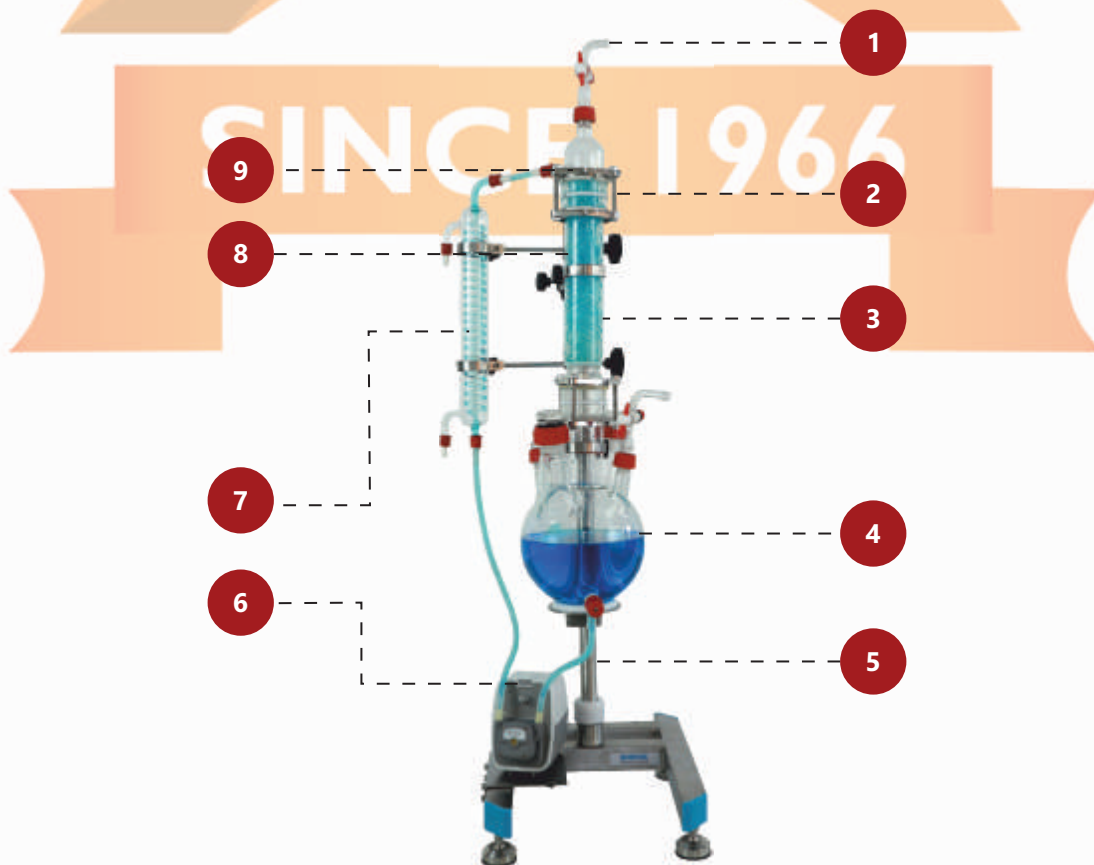
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SCR Scrubber

Sr. No.	Description	Qty	Part Code / Ref
1	Gas Vent	1	Table No. 25
2	Shower Head Adaptor	1	Table No. 21
3	Absorption Column	1	Table No. 22
4	Receiver Flask	1	Table No. 7
5	Mounting Skid	1	Table No. 12
6	Circulating Pump	1	BLOODPUMP00000000
7	Cooling Condenser	1	Table No. 23
8	Raschig Rings	1	Table No. 24
9	CT Clamps	2	Table No. 26



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Vacuum Pumps - Welch

Vacuum Pumps

Chemically resistant, compact and oil-free diaphragm vacuum pump with manual speed control for adjusting the pump capacity to your specific application. It features a gas ballast, PTFE/TFM heads, PTFE-coated diaphragms and FFPM valves. Suitable for a wide range of Laboratory applications including extremely aggressive/corrosive gasses and vapors.



Part Numbers	Pump Model	Absolute Vacuum (mbar)	Capacity (LPM)	Ultimate Vacuum (mbar)
BLAWEL002MPC105T00	MPC 105T IK+EK	2 mbar	20	Without control
BLAWEL010MXPC303Z0	MXPC 303z	5 mbar	30	Without control
BLAWEL002LVS105T00	LVS 105T EF+	2 mbar	20	With Vacuum Control
BLAWEL010LVS210T00	2027	2 mbar	30	With Vacuum Control
BLAWELCNTRLVCPRO60	Vcpro 601			Vacuum Controller

Agitator Drive

Designed to optimize complex stirring applications, IKA offers the very best in overhead stirrer technology. Our overhead stirrers provide the perfect solution to all of your laboratory stirring and mixing needs, from lower to higher viscosities. IKA overhead stirrers process stirring quantities up to 200 liters. The IKA overhead stirrers also displays temperature of the media.

Part Numbers	Model	Speed Range (rpm)	Torque (Ncm)	Max Viscosity (mPas)	Max Stirred Volume (L)	Dimensions W x D x H (mm)	Interface
BLAIKARV2000000000	RV20	2000	150	10,000	20	88x212x294	-
BLAIKAMINI20CNTROLMINISTAR	20 Control	2000	20	10,000	15	70x193x154	RS 232, USB, PT1000
BLAIKAMINI40CNTROLMINISTAR	40 Control	1000	40	30,000	25	70x147x193	RS 232, USB, PT1000
BLAIKAEUR060CONTRIEUROSTAR	60 control	2000	60	50,000	40	86x230x267	RS 232, USB, PT1000
BLAIKAEUR100CONTRIEUROSTAR	100 control	1300	100	70,000	100	86x230x267	RS 232, USB, PT1000
BLAIKAEUR200CONTRIEUROSTAR	200 control	2000	200	100,000	100	91x209x274	RS 232, USB, PT1000

Heating & Cooling Circulator - HUBER

Successful working of reactor is depends on the right selection of Heating & Cooling Circulator. The quality of temperature control is highly dependent on the speed at which the jacket temperature can be changed. For best possible heat transfer rates, unistats produce a high delta-T between jacket temperature and reactor contents. Glass reactors are inherently sensitive to pressure (typically the maximum allowable jacket pressure is 0.5 bar) and thermal shock (caused by the temperature difference between the jacket and the reaction mass). Unistats have variable pressure control (VPC) and a delta-T limit to protect against both. In addition, the "process safety" function ensures that the pump and cooling system continue to operate in the event of an over temperature shutdown. This can, for example, prevent overheating of the reactor contents during an exothermic reaction

Reactor	Part Numbers	Model	Temp Range °C	Pump Max (L/min, bar)	Heating capacity kW	Cooling capacity kW @ 0 °C	Cooling capacity kW @ -40 °C	Dimensions W x D x H (mm)
Upto 2L	BLAHUBER002MINI230	Ministat 230	-40..200	22, 0.7	1.6 - 2.1	0.38	0.05	255x450x476
	BLAHUBER002TANGO00	Tango	-40..250	55, 0.9	3	0.7	0.06	426x327x631
	BLAHUBER002UNI0705	Unistat 705	-75..250	55, 0.9	1.5	0.65	0.6	425x400x720
5L	BLAHUBER005UNI0405	Unistat 405	-45..250	55, 0.9	3	1	0.15	426x327x631
	BLAHUBER005UNI0705	Unistat 705	-75..250	55, 0.9	1.5	0.65	0.6	425x400x720
	BLAHUBER005UNI0815	Unistat 815	-85..250	40, 0.9	2	1.5	1.4	460x604x1465
10L	BLAHUBER010UNI0425	Unistat 425	-40..250	91, 1.5	2	2.5	0.2	460x554x1453
	BLAHUBER010UNI0815	Unistat 815	-85..250	40, 0.9	2	1.5	1.4	460x604x1465
	BLAHUBER010UNI0825	Unistat 825	-85to250	40, 0.9	3	2.2	2	460x604x1465
20L	BLAHUBER020UNI510W	Unistat 510w	-50..250	112, 0.9	6	5.3	0.9	460x554x1453
	BLAHUBER020UNI0905	Unistat 905	-90..250	48, 0.9	6	3.6	3.5	540x654x1500
30L	BLAHUBER030UNI510W	Unistat 510w	-50..250	112, 0.9	6	5.3	0.9	460x554x1453
	BLAHUBER030UNI912W	Unistat 912w	-90..250	110, 1.5	6	7	6	630x704x1565



UNISTAT 510



TANGO



UNISTAT 425





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Chiller

Our Chillers optimized for condenser cooling and are specially designed to work with Borosil range of condensers.

- Temperature range from -10°C to ambient -5 °C.
- Ergonomic and compact design allows the instruments to be on desk at eye-level.
- Large, bright LED display with reliable temperature control.
- Economic and environmental friendly operation.
- Simple operation and navigation menu.



Model	Recirculating Chiller CHL 175	Recirculating Chiller CHL 500	Recirculating Chiller CHL 010
Part Numbers	BLFRCHL17500000000	BLFRCHL50000000000	BLFRCHL01000000000
Description	Recirculating Chiller, Positive Displacement Pump, -10 to 40°C, 1/4 hp; 240V AC, 50 Hz	Recirculating Chiller, Positive Displacement Pump, -10 to 40°C, 1/4 hp; 240V AC, 50 Hz	Recirculating Chiller, Positive Displacement Pump, -10 to 40°C, 1/4 hp; 240V AC, 50 Hz
Reservoir Material	SS304 Tank	SS304 Tank	SS304 Tank
Reservoir Capacity (L)	5 L	7.5 L	10 L
External Dimensions (mm)	508X257X596	594X327X596	594X396X723
Max Temperature (°C)	40	40	40
Min Temperature (°C)	-10	-10	-10
Cooling Capacity @0°C (watts)	105	300	600
Cooling Capacity @10°C (watts)	140	400	800
Cooling Capacity @20°C (watts)	175	500	1000
Pump T type	Positive displacement	Positive displacement	Positive displacement
Pump Power	60W	60W	60W
Compressor Horse Power(W)	155	200	455
Port Connections -Pipe	10mm ID	10mm ID	10mm ID
Power (VAC)	240	240	240
Power (Hz)	50	50	50
Mobility	Benchtop Model	PUWheels	PUWheels
Self Diagnostic Function	Identifies Temp/Probe Errors	Identifies Temp/Probe Errors	Identifies Temp/Probe Errors



CLEANING OF GLASSWARE

Use of clean glassware is crucial for efficacy and efficiency of chemical reactions or biological processes. It is the key to success of any experiment. Use of dirty glass ware can lead to cross contamination of chemicals thereby leading to erroneous results. Cleaning of glassware should be an integral part of the good laboratory practices and should be followed by each member of the lab after each use.

Did You Know ?

New glassware is slightly alkaline in reaction. Hence, it should be soaked for about 2 to 3 hours in acidic water (1% solution of hydrochloric acid or nitric acid). Rinse with water and then soak the empty glassware in a basin / tub containing suitable cleaning agent / solution for 20 to 30 minutes.



Cleaning agents :

- Water/Purified water/warm water – Routine cleaning of all glassware
- Soaps/ detergent solution - Routine cleaning of all glassware
- Cleaning powders with/without abrasives – For exceptionally dirty glassware
- Acetone/Solvents - Glassware with greasy, sticky, waxy materials and glassware containing water immiscible solvents
- Hot nitric acid – glassware containing cloudy precipitates and coagulated organic matter, glassware required for TOC analysis

NOTE : After use of any of the cleaning agents, other than water, glassware should be rinsed and cleaned with water as per the standard laboratory procedure

DO'S AND DON'TS OF CLEANING

DO'S	DON'T'S
Remove the content of glassware before washing.	Do not use a metallic scrubber or a brush with metallic bristles for cleaning.
Remove all markings / sticker labels from the glassware.	Do not use strong alkalis for cleaning.
Bring glassware to ambient temperature before cleaning, if they are subjected to heating or cooling during analysis	Do not use chromic acid and sulphuric acid mixture for cleaning as it is hazardous and toxic in nature.
Use a suitable cleaning agent depending upon the type of dirt	
Soak the glassware in the cleaning agent for about half an hour before cleaning.	
Use a good quality brush for cleaning	
After applying the cleaning agents always rinse the glassware first with tap water and finally with purified water.	
Recommended temperature for drying of glassware is 60°C - 100°C	





Pipette Cleaning

- Dip the pipettes with their tips down, in a cylinder or tall jar of water, immediately after use.
- Do not drop them into the jar as this may break or chip the tips and render them useless.
- A pad of cotton or glass wool at the base of the jar will help to prevent breaking of the tips.
- Please ensure that the water level is high enough to immerse the greater portion of all or each of the Pipettes.
- Then drain the Pipettes and transfer them into a cylinder or jar containing any suitable cleaning agent or any suitable detergent solution.
- Allow it to soak in a jar or cylinder for about half an hour.
- Drain the pipette and run tap water over and through them until all contents are removed.
- Soak the Pipettes in purified water for at least one hour.
- Remove them and dry the external surface with a cloth, shake out the water and dry in oven.
- After drying, place the Pipettes in a dust-free drawer.
- For sterile applications, wrap serological and bacteriological Pipettes in an autoclavable bag and autoclave at 121°C for 30 mins or place them in
- Pipette cans and sterilise them in the dry air steriliser at 160°C for two hours.
- A Pipette used for transferring infectious material should have a plug of cotton placed in its mouth end before sterilising

Culture Tubes

- Culture tubes which have been used previously must be sterilized before cleaning. The best general method for sterilising culture tubes is by autoclaving for 30 minutes at 121°C (15 lb pressure). Media which solidify on cooling should be poured out while the tubes are hot.
- After the tubes are emptied, brush them with a suitable cleaning agent.
- Rinse thoroughly with tap water, rinse with purified water, shake out the water and dry in oven.
- After cleaning before the next use, the culture tubes need to be sterilized again.
- The culture tubes and culture medium can be sterilized together in one cycle or can be sterilized separately.
- In the latter case, the sterile medium can be filled in the sterile culture tubes aseptically.



Burette Cleaning

- Remove stopcock key before cleaning and wash the stopcock key separately
- Wash the burette with suitable cleaning agent or any other suitable detergent solution
- Rinse with tap water until all the dirt is removed. Then rinse with purified water.
- Keep the cleaned burette in inverted position until dry.
- Open the stopcock and keep for drying.
- Before the stopcock key is replaced in the burette, lubricate the joint with a small amount of lubricant.
- Always cover tip of burettes with butter paper or aluminium foil, when not in use.

Note: The burette Stopcock keys and glass Stopcocks are not interchangeable, hence, glass key and burette bore should be marked properly to avoid mix-ups

Serological Tubes

- Serological Tubes should be chemically clean but need not be sterile. However, specimens of blood which are to be kept for some time at room temperature should be collected in a sterile container. It may be expedient to sterilize all tubes as routine.
- To clean and sterilize tubes containing blood, discard the clots in a waste container and place the tubes in a large basket.
- Put the basket with others, in a large bucket or boiler. Cover with water, add a fair quantity of soft soap or suitable cleaning agent and boil for 30 minutes. Rinse the tubes and clean with brush, rinse and dry with the usual precautions.

Note: It is imperative when washing serological glassware that all acid, alkali and detergent be completely removed. Both acid and alkali in small amounts destroy complement and in larger amounts produce haemolysis. Detergents interfere with serologic reactions.

Serological tubes and glassware should be kept separate from all other glassware and used for nothing except serologic procedures.





Microscope Slides

Cleaning of New slides

- Put a drop of cleaning solution of the slide. This can be a detergent solution or diluted alcohol solution
- Apply the cleaning solution uniformly on both the sides of slide and clean the surface carefully with your fingers or using a lint-free micro fibre towel
- Rinse thoroughly under running tap water until the cleaning solution is completely washed out
- Ideally a thoroughly cleaned slide should hold a layer of water uniformly over its surface. This indicates that the slide is cleaned properly. If the water layer is formed over the surface in blotches, repeat the cleaning
- After cleaning is done dry slide using a paper towel/ microfibre towel.
- Allow the slides to air dry for some time before using

Cleaning Used slides

- Place the used slide in a container full of warm water and detergent
- Leave the slide in this for at least 0-3 hours
- Clean the slide using a gauze by rubbing both the sides until they are free of the dirt, stains, oil, etc.
- Rinse thoroughly under running tap water until the cleaning solution is completely washed out
- Ideally a thoroughly cleaned slide should hold a layer of water uniformly over its surface. This indicates that the slide is cleaned properly. If the water layer is formed over the surface in blotches, repeat the cleaning
- After cleaning is done dry slide using a paper towel/ microfibre towel
- Allow the slides to air dry for some time before using

Recalibration of volumetric glassware

Abstract: ASTM Standard E 452-01, Clause 4.2

3.3 low expansion borosilicate volumetric glassware will hold its calibration indefinitely provided that it is not exposed to hydrofluoric acid, phosphoric acid, or strong, hot alkalis, and that it is not heated above 150°C when dry. A frosting of the glass surface (when viewed dry) indicates that chemical attack has occurred and recalibration may be in order. As a precaution, however, it is recommended that the glassware be recalibrated after 10 years of service regardless of its appearance.



AUTOCLAVING OF GLASSWARE

Autoclaves are widely used to sterilise instruments, glassware and plasticware, solutions and media, and to decontaminate biological wastes. Due to the physical hazards (e.g. heat, steam and pressure) associated with autoclaving, extra care must be taken to use them safely. Each autoclave has unique characteristics and operating requirements. Please review and understand the owner's manual before using any autoclave for the first time, and every time thereafter. Also, please follow all the safety regulations for autoclaving, laid down by your institution.

Autoclaving empty glassware

1. Place individual glassware vessels within a heat resistant plastic or metal tray on a shelf or rack.
2. Never place them directly on the autoclave base or floor
3. Always maintain space (>5 cm) between glass vessels to give them room to expand while heating, and to prevent them from hitting other vessels when entering or leaving the autoclave
4. Add water rising up to 1/4 to 1/2 inch in the tray, so that the glassware will heat more evenly
5. Large heavy glassware, such as 3L or larger spinner flasks 5L or larger bottles and carboys should have a small amount of distilled water placed inside them to help generate steam when they are being sterilised dry in an autoclave

Autoclaving glassware containing liquids

Never autoclave items containing corrosives (e.g. acids, bases, phenol), solvents or volatiles (e.g. ethanol, methanol, chloroform) or radioactive materials.

1. Fill the glassware only half full with the liquids to be sterilised.
2. Take into consideration, the volume of liquid to be autoclaved.
For e.g. : 2-litre flask containing 1 litre of liquid takes much longer to sterilise than four 500 ml flasks, each containing 250 ml of liquid
3. Do a test run when autoclaving larger volumes of liquid, to make sure that the liquid has reached 121°C
4. Always use the slow exhaust or liquid cool cycle when autoclaving liquids, to prevent the liquid from boiling over, causing loss of the contents
5. Suspend an autoclave thermometer with a thin wire, in the middle of the liquid-filled container to record the highest temperature reached. Then, check its reading after the autoclave run is complete. If the temperature is too low, then the run-time will need to be increased or the volume will need to be reduced
6. To prevent bottles from getting shattered during pressurisation, the caps of the vessels with liquids must be

Safety during Autoclaving

Always follow the safety precautions to protect yourself and the equipment being used.

1. Be sure to wear the correct PPE including a lab coat, eye protection, closed-toe shoes, and heat-resistant gloves
2. Remember that after usage, glassware will be hot and can cause serious injury if the correct precautionary measures aren't taken
3. Always wait for the pressure gauge to drop to zero with zero time remaining before you open the door
4. Stand behind the door as you open it and allow all the steam to fully escape before reaching into the autoclave
5. Let glassware fully cool before touching them



DO'S	DON'T'S
Wait for 5 minutes before removing dry glassware from the autoclave, and wait for 10 to 20 minutes before removing glassware containing liquids	Do not tighten caps on the vessels immediately after autoclaving The cap or the vessel may get shattered due to the vacuum resulting from the cooling of the steam in the vessel
For non-liquid loads, please allow the glassware to cool for 15 minutes before touching it For liquid loads, please allow the liquid to stand for a full hour before touching the glassware	Do not put hot glassware, especially large bottles, from an autoclave (or any other heat source) on to a cold bench top. The stress that is induced will often cause the base of the vessel to crack or fall off, releasing its hot contents





PERSONAL SAFETY

- ~~Use of test tubes to store any gas is~~
Use of test tubes to store any gas is from heat. Hot glass can cause severe burns.
- Protective gloves, safety shoes, aprons and goggles should be worn to safeguard against chemical accidents, spilling or splattering.
- Always flush the outside of the acid bottle with water before opening it. Do not place the stopper on the counter top, where someone else may come in contact with acid residue.
- Care should be taken when handling mercury. Even a miniscule amount of mercury in the base of a drawer can poison the atmosphere in an entire room. Mercury toxicity is cumulative and the element's ability to amalgamate with a number of metals is well known. Following any accident involving mercury, the area should be checked thoroughly to ensure that there are no globules remaining. All mercury containers should be kept well stoppered.
- Never drink from a beaker. A beaker intended specifically for the use of drinking is a hazard in the laboratory. Do not taste chemicals to identify them. Smell chemicals only when necessary, and only by wafting a small amount of vapour towards the nose.
- Avoid using a Pipette with the mouth, particularly when using concentrated acids, alkalis or potentially biohazardous materials. Use mechanical means, such as a rubber bulb or an automatic dispenser.
- Do not fill the receptacle with any material other than that mentioned on the label. Label all containers before filling. Discard the contents of any unlabelled containers.
- To prevent breakage when clamping glassware, do not permit glass-to-metal contact, and do not use excessive force to tighten the clamps.
- Do not look down into a Test Tube being heated or containing chemicals, and do not point its open end at another person. A reaction could cause the contents to be ejected suddenly, resulting in injury.
- Splattering from acids, caustic materials and strong oxidising solutions on the skin or clothing should be washed off immediately with large quantities of water.
- When working with chlorine, hydrogen sulphide, carbon monoxide, hydrogen cyanide and other highly toxic substances, always use a protective mask. Alternatively, perform these experiments under a fume hood in a well ventilated area.
- In working with volatile materials, please keep in mind that heat causes expansion and confinement of such expansion results in explosion. Also remember that this danger exists even if external heat is not applied.
- Perchloric acid is particularly dangerous as it explodes when brought in contact with organic materials. Do not use perchloric acid around wooden benches or tables.
- Keep perchloric acid bottles on glass or ceramic trays with capacity that is adequate to hold all the acid in case the bottle breaks.
- When using perchloric acid, always wear protective clothing.
- When using hot plates and other electrical equipment, always ensure that the wire and plugs are in good condition. Do not handle an electrical connection with damp hands.



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