

# Technology meets Simplicity

A close-up photograph of a person's hand, wearing an orange shirt cuff, pointing upwards with the index finger. The hand is positioned as if interacting with a digital interface. The word "REMI" is displayed in red, bold, uppercase letters within a white, rounded rectangular box that is highlighted by a soft white glow. This box is the focal point of the hand's gesture. Other similar white-outlined boxes are scattered in the background, some containing faint, illegible text, suggesting a digital workspace or menu. The background is a light, hazy grey with soft, out-of-focus bokeh lights in shades of blue and white, creating a clean, modern, and high-tech aesthetic.

**REMI**

**STIRRERS**



**CENTRIFUGES**



**SHAKERS**



**MIXERS & LAB EQUIPMENTS**



**WORLD CLASS  
PREMIUM RANGE**



**RS - 24 Plus**

These Shakers are ideal for mixing and development of cultures, chemicals, solvents, and assays etc. in Microbiological, Cell Culture & Life Science laboratories.

The Unit has base assembly fabricated from heavy mild steel sections. Brushless Induction drive motor with frequency drive makes the unit suitable for continuous non-stop operation. Step less electronic frequency control ensures gentle start and maintains preset speed. Compact counter balanced drive mechanism ensures high stability and reliability even in continuous operation & uneven load distribution.

**Salient Features :**

- 4" Large LCD display
- Universal Platform with rounded corners to accommodate interchangeable clamps of assorted sizes
- Brushless induction motor with VFD speed control
- Elegant Plastic front
- Variable speed 20 -300 RPM
- Shaking amplitude 40 mm
- Auto start after power resumption

**Technical Data**

Models	Platform Size	Max. Volume	Max. No. of clamps (to be ordered separately)					
			2000 ml.	1000 ml.	500 ml.	250 ml.	150 ml.	100ml/ 50ml
RS-24 Plus	24" X 24"	26 Liters	13	16	25	36	64	64

Supply: 220-240 Volts, 50 Hz Single Phase.

# Mini Rotary Shakers

## Mini Rotary Shakers



RS-12 Plus

RS-12R

For gentle mixing of fluids in test tubes & glass vessels of different capacities. These shakers find applications in pathology, microbiology, chemistry, molecular biology & biotechnology.

Model RS-12 Plus shakers have Brush less DC (BLDC) Motor having a wide speed range from 50 to 400 rpm. A universal platform is with adjustable rollers and is also suitable to accommodate interchangeable clamps of assorted sizes / capacities for holding conical flasks, making the unit truly versatile in performance. A variety of clamps are available having capacity of 500 ml, 250 ml, 150 ml and 100 / 50 ml (To be ordered separately)

Model RS-12R shakers are with AC/DC Universal motor with maximum speed of 180 rpm & with in built speed regulator. These shakers have platform with 3 adjustable rollers.

### Technical Data

Model		RS-12 R	RS-12 Plus	RS-18 Plus
Speed Range	rpm	80 to 180	50 to 400	50 to 250
Platform Size	inches	7 x 11	12 x 12	20 x 20
Flasks Capacity (max)		-	5 x 500 ml	13 x 500 ml
Overall Dimensions	W x D x H (mm)	270 x 260 x 156	320 x 415 x 130	520 x 613 x 155
Speed Indicator		Digital	Digital	Digital
Digital Count down Timer	minutes	199	99	99
Shaking Orbit	mm	10	10	10

Supply: 220-240 Volts, 50 Hz Single Phase.

# Rotary Shakers



RS - 36 BL

These Shakers are ideal for mixing and development of cultures, chemicals, solvents, and assays etc. in Microbiological, Cell Culture & Life Science laboratories.

Brushless Induction drive motor with frequency drive makes the unit suitable for continuous non-stop operation.

Step less electronic frequency control ensures gentle start and maintains preset speed. Compact counter balanced drive mechanism ensures high stability and reliability even in continuous operation & uneven load distribution.

### Salient Features :

- Variable speed from 20 RPM to 300 RPM
- Digital display of speed with presetting facility
- Shaking amplitude 40 mm
- Universal Platform to accommodate interchangeable clamps of assorted sizes for different capacity of flasks
- Automatic restart at preset speed in case of power failure

### Technical Data

Models	Platform Size	Max. Volume	Max. No. of clamps (To be ordered separately)					
			2000 ml.	1000 ml.	500 ml.	250 ml.	150 ml.	100ml/ 50ml
RS-36 BL	36" x 36"	42 Litres	21	36	49	61	83	121

Supply: 220-240 Volts, 50 Hz Single Phase.

# Cyclo Mixer

## Vortex Mixers

- Designed for mixing liquids in Schools, Laboratories & Factories
- Touch/Continuous Operation mode Selection through bi-directional Switch
- Speed Regulation through knob provided on the control panel
- Interchangeable mixing heads for use with variety of tubes
- Supplied with all interchangeable mixing heads



CM-101 Plus



CM-101

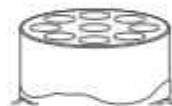
Technical Data		
Models	CM-101 PLUS	CM-101
Power (W)	32	
Shaking Movement	Orbital	
Orbital Diameter (mm)	4	
Motor Type	Shaded-Pole Motor	
Permissible ON time	100% power 30mins	
Speed range (rpm)	0-2900	
Run Type	Continuous / touch operation	
Dimensions (mm)	185 x 150 x 165	178 x 141 x 148
Weight (kg)	2.8	3.8
Protection Class acc. to DIN 80529	IP 21	-

Supply: 220-240 Volts, 50 Hz Single Phase.

Interchangeable Mixing Heads	
Models	Description
CM-01	Universal top 100 mm- plate attachment
CM-01/01	Tube adapter for 18 holes test tubes Ø 10mm use with CM-01
CM-01/02	Platform pad for < Ø 93mm tubes and small vessels use with CM-01
CM-01/03	Tube adapter for 8 holes test tube Ø 20mm use with CM-01



CM - 01



CM - 01/03



CM - 01/01

# Multi Vortexer



VM-100

The Multi-Tube Vortexer is designed for mechanical and chemical cell lysis, mixing suspensions, and general sample agitation. The Multi-Tube Vortex mixer is a tool to provide that extra degree of mixing, however it accommodates full racks of tubes or microwell plates, vials or cylinder as opposed to single tubes. Consequently, this unit is useful for higher throughput mixing of samples. The suction-cup feet dampen motion and prevent sliding on work surface. Equipped with a powerful, permanent magnet motor with sealed ball bearings.

The variable speed microprocessor control provides consistent uniform mixing action

## LCD Display :

Touch pad controls with easy-to-read, independent LCD displays for speed and time allow operator to view both settings at once.

## Pulsing Mode :

Programmable pulsing mode allows user to adjust the pulse-on and pulse-off times between 1 and 59 seconds in 1 second intervals.

## Optional :

50 ml adaptor also available on request

Technical Data	
Specifications	VM-100
Speed Range*	500 to 2500
Timer	1 sec to 999 Hrs.
Orbit	3.6 mm
Maximum Weight Capacity	24 x 15 ml
Duty Rating	Continuous
Tray Dimensions (L x W) mm	313 x 180
Overall Dimensions (W x D x H)mm	400 x 325 x 430

Supply: 220-240 Volts 50 Hz Single Phase.  
\* Maximum speed will vary depending on load



# Microplate Shaker



MPS 1

Technical Data	
Specifications	Microplate Shaker
Speed setting	300 to 1800 RPM
Orbital diameter	2 mm
Motor type	Brushless DC motor
Timer setting	Up to 99 mins + infinite mode
Display	Digital display of LED Speed & Time
Power supply	Universal (100 to 230V, 50/60 Hz)
Dimensions (W x D x H)	127 x 85 x 86 mm
Weight	1.4 Kg
Standard attachments	1) 20 x 1.5/2.0 ml Microtubes stand 2) Replaceable clamps to use different types of standard micro plates

Supply: 220-240 Volts, 50 Hz Single Phase.

The Digital Microplate Shaker is an essential instrument for mixing individual micro plates of different type

### Salient Features :

- Tiny footprint-as small as the plate itself
- Digital Display with Speed & Time setting
- Speed selection from 300 to 1800 RPM
- Maintenance free BLDC motor
- Orbital Diameter of 2 mm for thorough mixing, microprocessor controlled for high accuracy
- Silent & stable operation
- Timer setting up to 99 min & Continuous mode
- A Special turn down toggle clamp for spill proof & simple side in/side out for loading / unloading of microplate
- Universal fit-comes with interchangeable clamps for different micro plates (Tool free and easy clamp change procedure)
- Even mixing in all wells across the plate
- Comes With attachment for 20 x 1.5/2ml microtubes
- Can be used inside fume hoods / cold rooms

# Tube Roller Mixer

SeroRoll-6 is specially designed to achieve uniform consistency in serological samples, eventually helps in increasing the sensitivity of the planned testing. Rolling bed of SeroRoll-6 is designed to mix all size samples in blood sample tubes, falcon tubes, culture bottles, etc.



Seroroll-6

### Salient Features :

- Gentle ROCKING and ROLLING system for optimum mixing
- Suitable for mixing blood sample and viscous substance
- Brushless DC motor for quiet operation and maintenance free long life
- Removable rollers for proper cleaning
- Adjustable roller rod spacing to hold different diameter tubes
- Adjustable speed ranging from 10 to 80 RPM
- Adjustable timer ranging from 0 min to 99 mins and infinite
- Pulse mode
- Error indication for overloading of samples

Technical Data	
Specifications	Seroroll-6
Motor type	BLDC motor
Motion	Rocking and rolling
Max. Loading capacity	2 Kg
Number of tubes	15 x 7 ml Blood Tubes
Roller size	30 x 327 mm
Speed range	10 to 80 RPM
Timer range	0 to 99min.
Operation type	Continuous and timed operation
Tilt angle	3°
Dimensions (W x D x H) mm	496 x 107 x 292

Supply: 220-240 Volts, 50 Hz Single Phase.

# Water Bath Shakers



Water Bath Shaker RSB - 12

stainless steel bath has size of 355 mm (W) x 300 mm (D) x 165 mm (H). A special pyramid type cover provided avoids evaporation of water and makes condensed water to fall back in the bath. A cock is provided to facilitate draining of Bath contents.

### Salient Features :

- Inner chamber and outer body of SS 304
- Heating up to 95°C
- Digital Temperature Indicator cum Controller with precise accuracy of ± 1°C
- Shaking speed range from 40 to 180 strokes per min
- Stroke length 25 mm

The removable stainless steel tray houses lotus clamps for variety of flask capacities. Standard unit supplied with tray accommodating 12 flasks x 100 ml. while trays with the following capacity are available optionally.

- 50 ml x 12 flasks
- 150 ml x 9 flasks
- 250 ml x 6 flasks
- 500 ml x 4 flasks
- 1000 ml x 2 flasks
- 2000 ml x 1 flask
- Test Tube racks

These Water bath Shakers have wide applications in Biotechnology, Micro - Biology, Chemistry, Quality Control and other life sciences laboratories. These units are double walled with exterior body and inner chamber of stainless steel having effective insulation in between. The

**REMI**

## Bench Top Orbital Shaking Incubator

**WORLD CLASS  
PREMIUM RANGE**



Remi Bench Top Orbital Shaking Incubator Model CIS 18 Plus finds application in researches on bacteria, cultivation, fermentation, hybridization, chemical and biochemical reaction, enzymes and tissues research, which have a high requirement on precision of shaking speed and temperature

**Construction:** Its shell is made of engineering plastics through molding with a mechanical oscillating tray driven by a motor fitted at the bottom. The Oscillating locus is circular. The duct plate behind the working chamber is SS thin plate and all the operating keys on the LCD screen are on the front side. **Box door** is of a big flap structure made of transparent plastics to facilitate observation, removal or placement of cultures. Closed-loop control of temperature and speed is effected with microcomputer electronic controller using PID regulation mode with LCD screen display. Hot and cold air stream is circulated through a blower behind the duct plate in the working chamber, thereby improving the uniformity of temperature in the working chamber.

**Safety** Multiple start of compressor in a short time is prevented and the controller performs the function of prolonged start before compressor is started.

When the measured temperature is in excess of the set temperature by 3°C, the buzzer will give an over-temperature alarm and simultaneously the heater will shut down. When the box door opens, the door switch will cut off the power to stop the Heater, blower and rotating fan from work and the operator can remove or place the cultures safely.

### Salient Features :

- Stainless-steel chamber and platform easy to clean
- Transparent plastic door
- Microprocessor controller with large LCD screen for temperature and shaking speed with timing function
- Self-check function easy to identify problems
- Smooth start and stop system prevents liquid spillage
- Auto-controller of fan speed to prevent damage to the samples
- Safety door switch, auto pause operation when it is opened

### Technical Data

Model	CIS-18 Plus
Shaking Speed Range	40-300rpm
Amplitude	20mm
Temperature Range	4-50°C ±0.5°C
Display Resolution	0.1°C
Timer Range	1hour-99h:59m
Platform Size (mm)	450 x 450
Maximum Shaking Capacity (No. of flasks x Volume)*	4x2000ml, 8x1000ml, 11x500ml, 12x250ml, 28x100ml, 42x50ml
Load in Tray	≤ 10 Kg
Power Consumption	1100w
Recommended Voltage Stabilizer	VS 02

Supply: 220-240 Volts, 50 Hz, single phase.

\* Clamps to be ordered separately



LCD  
Standard



TFT  
Optional

- Machine filled CFC free PUF insulation to eliminate void pockets
- Unique design of thermal barrier for better energy efficiency
- Heating by long SS tubular heaters.
- Additional tray to store samples
- Chamber calibration port on side
- Hermetically sealed Compressor with CFC free refrigerant (CIS-24 Plus)
- Microprocessor controller with 4" LCD display for display of shaking speed & temperature
- 9 programs memory
- High temperature safety cut off & alarms for high / low set temperature
- Electrical circuit breaker
- Time delay for compressor switch on (CIS-24 Plus)
- Overload cut off relay for compressor (CIS-24 Plus)
- Rounded inner chamber for easy cleaning
- Attractive door profile
- Weight carrying capacity of each tray : 30 Kg Uniformly distributed
- Auto door closer
- Smart Handle with LED door closure indication
- Port for calibration probes / safety back up

REMI Orbital Shaking Incubators are designed for precise temperature control and simultaneous shaking applications required in fermentation studies, enzyme reaction, life sciences, tissue culture and biotechnology, research labs.

These chambers are available in standard & GMP versions.

### Salient Features :

- Brushless induction Motor with variable frequency drive suitable for continuous operations.
- Step less variable frequency drive ensures gentle shaking start and maintains set speed
- Counter balanced mechanism for high stability in uneven load of different sized flasks
- Universal Shaking Platform to accommodate different sized assorted flasks
- Maximum shaking capacity – 9 Flasks x 2000 ml
- Powerful fan motor for forced air circulation to maintain uniform conditions inside chamber

### Optional

- (i) Touch screen display ( TFT ) with additional features(Details overleaf)
- (ii) Validation protocol with IQ, OQ, PQ Documentation

# Orbital Shaking Incubators

## LCD Display

### Features

- 4 Inch attractive LCD display
- Intelligent Controller helps maintain temperature in case of sensor failure
- Battery Backup for Temperature Controller
- Auto tuning of controller
- Self-Diagnosis for errors
- Histogram format of 24 hours temperature recording
- Settable High / low alarm points
- Memory for storage of upto 1000 records
- Centronic interface to record Temperature, Date, & Time by attaching Dot Matrix printer with adjustable print interval
- Alarm on equipment / output for remote alarm

## Touch Screen Display

### Features

- 7 inch big colour touch screen
- PLC (Programmable logic controller)
- Memory of 1500 records
- Centronic interface to record Temperature, Date & Time by attaching Dot Matrix printer with adjustable print interval
- Ethernet port
- Battery backup in case of power failure for display, alarms & off-line data logging (optional)
- Programmable cyclic timer for controlling illumination conditions
- Remi 'DataSoft' Data acquisition software complying to 21 CFR part 11 as per USFDA Guidelines (optional)

## REMI 'Data Soft'

### Features

- Multiple level alpha numerical password with password ageing
- Secured audit trail report
- Alarm report with mention of alarm condition
- Mean Kinetic Temperature able to be calculated for any days & alarm deviation report
- Reports in graphical and tabular form
- Data Stored in PC server with RS-485 connectivity and can be monitored on PC with password authentication
- Multi chamber data acquisition on single software
- Communication through RS 485
- Power failure and resumption recorded with date and time

## Optional Accessories

### To be Ordered separately

- Chamber illumination with the help of 2 Nos. fluorescent tubes
- Chamber illumination with 2 Nos. ultra violet lights
- 24 hours Cyclic Timer for regulating illumination conditions
- Data logger for 8 Point temperature recording with sensor printer interface and software
- Software as per 21 CFR Part 11 requirements
- PLC Based Control System with HMI Touch Screen
- Biometrics Magnetic Door Access for Secured Door opening with software to maintain log
- Validation (mapping) consist of one cycle for temperature at any one set point for 24 hours on empty and loaded condition
- Standby Refrigeration System

## Technical Data

	C15-24 Plus	R15-24 Plus
Temperature Range & Accuracy	5°C to 60°C, ± 0.5°C	5°C above ambient to 60°C, ± 0.5°C
Internal Volume (Liters)	215	
Platform Size	580mm x 600mm	
Maximum Shaking Capacity (Volume x No. of flasks)*	100ml x 49, 150ml x 49, 250ml x 33, 500ml x 24, 1000ml x 15, 2000 ml x 9	
Shaking Speed range (RPM)	20 to 250	
Shaking Amplitude	25 mm	
Internal Dimensions W x D x H (mm)	660 x 785 x 650	
External Dimensions W x D x H (mm)	800 x 1150 x 1300	
Temperature control	Microprocessor with PT-100 sensor	
Display	4" LCD Screen, Large size Display for ease of reading	
Power Failure Alarm	Audio Visual Alarm	
Door Open Alarm	Audio Alarm in case door open for over one minute	
Temperature Variation Alarm	Set Temperature ± 2°C, Audio Visual Alarm	
Illumination	8 Watts Fluorescent Tube	
Internal Body Material	Stainless Steel - 304 grade (Standard Models), Stainless Steel - 316 grade (GMP Models)	
External Body Material	Powder Coated CRCA Steel (Standard Models), Stainless Steel - 304 grade (GMP Models)	
Insulation (CFC free polyurethane foam)	70 mm minimum for Body & 80 mm for Door	
Noise Level	Less Than 65 db (A)	
Recommended Voltage Stabilizer	VS-02	X

Supply: 220-240 Volts, 50 Hz Single Phase.

\*Clamps to be ordered separately

**CHAMBER**



**FREEZERS**



**BLOOD BANKING INSTRUMENTS**



**CRITICAL CARE & PATIENT SUPPORT**



# REMI GROUP

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SCAN ME



REMI HEALTHCARE  
CATALOGUE

SCAN ME



REMI LABORATORY  
CATALOGUE

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