

PHOTOMETER

CL 63

PRODUCT SPECIFICATION SHEET



Table Top



LED Display



Test Tube



Microcontroller based Photometer.

Automatic Reference Adjustment.

Only 1 ml of Sample Volume needed.

SALIENT FEATURES

- ▷ Long Life solid state light source.
- ▷ Long Life Photo Diode Detector.
- ▷ Immune to ambient light variations
- ▷ User friendly operation.
- ▷ Compact, Rugged, Sturdy & Reliable.
- ▷ Thumb wheel Selector of filters.

APPLICATIONS

In determination of concentration of constituents in

- ▷ Clinical
- ▷ Pharmaceutical
- ▷ Food & Beverages
- ▷ Water Analysis.
- ▷ Analytical and Agricultural Chemistry
- ▷ Metallurgy



Clinical



Pharmaceutical



Food & Beverages



Water



Agriculture



Chemical



Mines & Geology



Metals

SPECIFICATIONS

| | | | | | | |
|---|--|----------------------|------------------------------|--------------------|--|---------------------|
| PEAK WAVELENGTH | | PHOTOMETRIC | | | LIGHT SOURCE | |
| 450, 470, 510, 520, 540, 570, 600 & 670 nm | | Range | ± 1.99 Abs | | Long Life Solid State Light Source | |
| CONTROL | | Repeatability | ± 0.01 Abs | | DETECTOR | |
| | | Stability | ± 0.01 Abs/hr. after warm up | | | |
| | | Readability | %T | 1 | | Silicon Photo Diode |
| Microcontroller | | Abs | 0.01 | | SAMPLE HOLDER | |
| DATA PRESENTATION | | | | | | |
| Readout | 4 digit 7 segment LED of 12.7mm height | | | | Accommodate ϕ 12.4 mm ± 0.1 mm Test tube | |
| POWER REQUIREMENT | | | PHYSICAL DIMENSIONS | | | |
| 90-260 V AC, 50-60 Hz, 1 ϕ , 6 VA Max. | | | Size (WxDxH) in mm | 150 x 155 x 80 | | |
| ACCESSORIES SUPPLIED | | | Weight (in kg) | Approx. 1 | | |
| | | | With Instrument | Matched Test Tubes | | |

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