

Product Code . JL-S-2168

Microprocessor Spectrophotometer



Description

Microprocessor Spectrophotometer

FEATURES:-

128 x 64 Dot Graphical LCD

On-Screen Standard Curve Display

Stray light below 0.3 %T

Store 200 groups of data and 200 standard curves at the same time

PC Connectivity through USB Port Software Expands the function to Wavelength Scanning, Multiwave length, Quantitative and Kinetic Modes (optional at extra cost).

Large Sample Compartment, can accommodate 5-100 mm path length cuvettes with optional holders.

Microprocessor Spectrophotometer is a solid state microcontroller based instrument designed for quick and accurate spectrophotometric analysis of any concentration.

It operates at a wavelength range of 320 nm to 1100 nm.

The instrument uses the latest microprocessor technology and advanced engineering techniques so as to give enhanced accuracy and reproducibility.

The instrument is equipped with 128 x 64 dots graphical lcd the makes the result easy to read.

User can on-screen see the standard curve.

The system has soft touch numeric keys with complete numeric key that provides a convenient interface for entering numeric values. The

Provision has also been made for attachment of any dot matrix printer using centronics interface and PC connectivity through USB port.

The 'Basic' PC software is supplied with the instrument.

System has a 4-Position rapid cuvette changer (Test Tube Holder) selector.

Microprocessor Spectrophotometer Manufacturer India, Microprocessor Spectrophotometer Exporters, Pharmaceutical Instruments Microprocessor Spectrophotometer, Pharmaceutical Instruments Exporters India, Pharmaceutical Instruments Suppliers, Pharmaceutical Instruments Manufacturer.

SPECIFICATIONS

Wavelength Range	320 - 1100 nm
Spectral Bandwidth	4 nm
Wavelength Accuracy	± 1 nm
Wavelength Repeatability	0.3 nm
Wavelength Setting	Auto
Photometric Accuracy	± 0.3 %T
Photometric Repeatability	0.2 %T
Photometric Range	0 - 200 %T, - 0.3 to 3A, 0 - 9999 Conc.
Stability	± 0.002 A/h @ 500 nm
Baseline Flatness	± 0.002 A/h
Stray Light	< 0.3 %T
Display	128 x 64 Dots Graphical LCD
Detector	Silicon Photodiode
Output	USB Port for PC Connectivity, Parallel Port for Dot Matirx Printer
Light Source	Tungsten Halogen Lamp
Power	230V $\pm 10\%$ AC, 50 Hz
Dimensions (L x B x H)	Instrument: 450 x 320 x 195 mm (Approx.) Box: 550 x 430 x 300 mm (Approx.)
Weight	Instrument: 11 Kg (Approx.) Box: 13.5 Kg (Approx.)

Accessories	Glass Cuvettes - A set of 4, Mains Lead, Operation Manual and Dust Cover
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