

Product Name :
Microprocessor Spectrophotometer

Product Code :
NLAB-LABORATORYEM13003



Description :

Naugra Lab Microprocessor Spectrophotometer

Technical Specification :

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 scurves at the same time

PC Connectivity through
USB Port Software Expands the function to Wavelength Scanning, Multiwave length,
Quantitive 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.

SPECIFICATIONS

Wavelength Range

320-1100 nm

Spectral Bandwidth
Wavelength Accuracy
Wavelength Repeatability
Wavelength Setting
Photometric Accuracy
Photometric Repeatability

Photometer - 0.3 to 3A, 0 - 9999 Conc. Range
Stability A/h @ 500 nm
Base 0.02 A/h Flatness
Stay Light
Display 64 Dots Graphical LCD
Silicon Photodiode
USB Port for PC Connectivity, Parallel Port for Dot Matirx Printer
Light Source Halogen Lamp

Power: 230V ± 10% AC,
50 Hz

Dimensions: 450 x 320
x 195 mm (Approx.)
(L x B x H)
Box: 550 x 430 x 300 mm (Approx.)

Weight: 11 Kg
(Approx.)
Box: 13.5 Kg (Approx.)

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

Naugralabequipments

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