

Product Name :
Nauga Lab Microprocessor UV-VIS Spectrophotometer

Product Code :
NLAB-LABORATORYEM13002



Description :

Nauga Lab Microprocessor UV-VIS Spectrophotometer

Technical Specification :

Scanning
Spectrophotometer

Wavelength Range 190
-1100 nm

128 x 64 Dot
Graphical LCD

Auto Wavelength
Setting

On-screen Standard
and Kinetic Curve Display

Application Software

provides complete control of the instrument from a computer through the built-in USB Port.

Basic, WL Scan,

Multi-Wavelength, Kinetic, Quantitative, DNA/Protein with professional PC software (optional)

Pre-aligned design

makes it convenient to change Lamps

Large Sample

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

Complete Numeric

Keypad for ease of Operation

Microprocessor UV-VIS 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 190 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 large graphical lcd the makes the result easy to read.

User can see the standard curve on-screen.

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

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

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

The instrument is supplied with a 4 position 10mm cell changer.

The 'Basic' PC software for quantitative / kinetic mode is supplied with the instrument. The 'Professional' PC software is optional for extending the functionality to wavelength scanning and DNA/Protein analysis (at extra cost).

Specifications

Optics Beam, Grating 1200 lines/mm

Wavelength Range :

Spectral Bandwidth
:

Wavelength
Accuracy :

Wavelength
Repeatability :

Wavelength
Resolution :

Photo Metric 0.003A @ 1 A
Accuracy :

Photo Metric Range 0 - 9999 Conc.

Photo Metric Mode Absorbance and Concentration

Stability 0.001A/h @ 500 nm

Wavelength 220 nm, 340 nm

Display 4:Dots Graphical LCD

Key Board Membrane Keys

Detector Photodiode

Sample Compartment 10 mm path-length cuvette holder.

Accommodates upto 100 mm path-length cuvette with optional holder

Optional Port for PC Connectivity, Parallel Port for Dot Matrix Printer

PC Software Professional software provided for Quantitative/Kinetic analysis. Professional PC Software (Optional) for additional wavelength scan and DNA/Protein Test, available at extra cost.

Light Source Deuterium Lamps

Power $\pm 10\%$ AC, 50 Hz

Dimensions 470 x 370 x 180 mm (Approx.)

Box Size 550 x 370 mm (Approx.)

Weight : 14 Kg (Approx.)

Box: 17 Kg (Approx.)

Accessories - A set of 2, Glass Cuvettes - A set of 4

Mains Lead, Operation Manual and Dust Cover

Naugralabequipments

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