

**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**

520-1100nm

Range

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

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

~~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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