



Email : sales@scilabexport.com

Phone: +91-7082934803

Product Name :

Single Beam Microprocessor UV-VIS
Spectrophotometer

Product Code :

SLE/LI/07





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Description :

Manual wavelength calibration and selection. Sample holder with 4 position selector control for 10 mm path length cuvettes. Interface (RS 232). Range 195 to 1000 nm with facility for automatic concentration, %Transmission, Absorbance measurements. Set of 2 quartz and 4 glass cuvettes is provided. Software included.

Features:

High wavelength Precision.
Compact and Good Looking Shape.
Cover 195 to 1000 nm.
Highly Accurate and Stable.
4 Position Cuvette Holder.
RS-232C Computer Interface.

Technical Specifications:

Printer Interface : Printer interface for any printer,
Serial Interface : RS 232C interface.
Light Source : a) Tungsten Halogen Lamp; b) Deuterium Lamp (D2)
Spectral Bandwidth : 2 nm.
Accuracy : ± 0.5 nm.
Photometric Range : %T : 0 to 100%, Abs.: 0 to 1.999. Conc.: 0 to 1999, K-Factor : 0 to 1999,
Accuracy : ± 0.005 Abs at 1.0 Abs, ± 0.010 Abs at 1.0 Abs,
Stray Light : Less than 0.1% Abs at 320 nm,
Readability : ± 1 Count,
Weight : 10 Kg.(Approx.).
Wavelength : 195 to 1000 nm.
Data Readout : Single Line LCD display,
Key Board : 4 KEYS, Soft touch membrane type,
Power : 230 V $\pm 10\%$, 50 Hz. AC.
Dimensions : 420 x 350 x 240 mm (l x b x h) Approx.
Repeatability : ± 0.3 nm.
Resolution : 0.1 nm.
Detector : Wide range Silicon Photodiode.
Optics : Complete mirror optics with resolution 1200 grooves/mm grating.
Sample Holder : 4 position adjustable sample holder.

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