



THE LAB EQUIPMENT

Email : [sales@thelabequipment.com](mailto:sales@thelabequipment.com)

Phone: +91-8759245890

**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 :  $\pm 0.5$  nm.

Photometric Range : %T : 0 to 100%, Abs.: 0 to 1.999. Conc.: 0 to 1999, K-Factor : 0 to 1999,

Accuracy :  $\pm 0.005$  Abs at 1.0 Abs,  $\pm 0.010$  Abs at 1.0 Abs,

Stray Light : Less than 0.1% Abs at 320 nm,

Readability :  $\pm 1$  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 :  $\pm 0.3$  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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