Email : sales@scilabexport.com
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Product Name :

Single Beam Microprocessor UV-VIS Spectrophotometer

Product Code :

SLE/LI/07



Science Lab

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Description :

Single Beam Microprocessor UV-VIS Spectrophotometer (Product Code: SLE/LI/07) is a benchtop optical instrument used to measure the absorbance, percentage transmission and concentration of solutions from 195 to 1000 nm in college, research and quality-control laboratories. Chemistry, biochemistry and pharmacy departments rely on it for quantitative analysis, and it pairs a tungsten halogen lamp with a deuterium lamp so both the ultraviolet and visible regions are covered. This UV visible spectrophotometer is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory equipment supplier in India.

Specifications

Parameter	Detail
Wavelength range	195 to 1000 nm
Measurement modes	Absorbance, % transmission and automatic concentration
Wavelength selection	Manual wavelength calibration and selection
Light sources	Tungsten halogen lamp and deuterium (D2) lamp
Optics	Complete mirror optics with a 1200 grooves/mm grating
Spectral bandwidth	2 nm
Wavelength accuracy	± 0.5 nm
Wavelength repeatability	± 0.3 nm
Resolution	0.1 nm
Photometric range	%T: 0 to 100%; Abs: 0 to 1.999; Conc.: 0 to 1999; K-factor: 0 to 1999
Photometric accuracy	± 0.005 Abs at 1.0 Abs; a second figure of ± 0.010 Abs is also listed — confirm its reference point with your quotation
Stray light	Less than 0.1% Abs at 320 nm
Readability	± 1 count
Detector	Wide-range silicon photodiode
Sample holder	4-position adjustable holder with selector control, for 10 mm path length cuvettes
Cuvettes provided	Set of 2 quartz and 4 glass cuvettes
Display	Single-line LCD
Keyboard	4 keys, soft-touch membrane type
Interfaces	RS-232C serial interface; printer interface
Software	Included
Pow	
Dim	
Wei	

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