



SPECTRONICS INDIA

AN ISO 9001:2008
CERTIFIED COMPANY

We are a most trusted name in between the topmost companies offering UV VIS Double Beam Spectrophotometer. Our product range is extensively used in different industries. To attain the maximum satisfaction of clients, we provide this UV VIS Double Beam Spectrophotometer at most reasonable price.



MODEL : SI 334

APPLICATIONS :

- Medicine/Pharmaceutical Industry
- Environmental Monitoring
- Commodity Inspection
- Food Inspection
- Agricultural Chemistry
- Teaching in Colleges & Universities
- Metallurgy
- Geology
- Machine Manufacturing
- Petrochemical Industries
- Water and Waste Water Labs
- Food and Beverage Labs



ACCESSORIES

Glass cells	: 4 Nos.
Quartz cells	: 2 Nos.
Instrument Cover	: 1 No.
Software CD	: 1 No.
USB Cable	: 1 No.
Operational Manual	: 1 No.
Software Manual	: 1 No.
Software Key	: 1 No.

TECHNICAL SPECIFICATION

Model	SI-334
Wavelength Range	190-1100nm
Spectral Bandwidth	1nm
Optical System	Double Beam, Blazed Holographic Grating (1200 lines/mm)
Wavelength Accuracy	±0.5nm
Wavelength Repeatability	≤0.2nm
Wavelength Setting	Auto, Resolution 0.1nm
Photometric Range	0~200%T, -4~4A, 0~9999C
Photometric Accuracy	±0.002 A (0~0.5A), ±0.003A (0.5~1A), ±0.3%T (0~100%T)
Photometric Repeatability	≤0.001 A (0~0.5A), ≤0.002A (0.5~1A), ≤0.2%T (0~100%T)
Stray Light	≤0.05%T(220/360nm)
Scan Speed	High, Medium, Low. Max.3200 nm/minute
Baseline Flatness	±0.0015A
Stability	±0.001A/h (500nm,0A)
Noise	≤0.2%T/3min (250/500nm,0%T); ≤0.5%T/3min (250/500nm,100%T)
Sample Compartment	10mm Pathlength Cuvette
Holder	2 Cell
Detector	Silicon Photodiode
Lamps	Tungsten Lamp & Deuterium Lamp (Pre-aligned)
Display	Graphic LCD (320*240 Dots)
Keypad	30-key Alphanumeric Membrane Keypad
Output Port	USB Port
Printer	Mini Serial Printer; PC Printer
PC Software	PC Scanning Software
Power Requirements	AC 90-250V, 50/60Hz
Dimension	545x468x245mm
Weight	26 kg

PRODUCT RANGE

Double Beam UV/VIS Spectrophotometer • Single Beam UV/VIS Spectrophotometer • Flame Photometer
 Colorimeter • pH Meter • Conductivity Meter • DO Meter • Salinity Meter • Turbidity Meter • Nephelometer
 Colony Counter • Auto Karl- Fischer • Friability Apparatus • Melting Point Apparatus • Temperature Indicator
 Water & Soil Analysis Kit • Portable pH Meter • Student Microscope • Binocular Microscope
 Medical Microscope • Portable Instruments.

