

SINGLE BEAM UV-VIS SPECTROPHOTOMETER

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SALIENT FEATURES

- ✓ Covers 190 to 1020 nm
- ✓ 4 Position Cuvette Holder
- ✓ LCD Data Display
- ✓ Printer Interface
- ✓ RS-232C Computer Interface
- ✓ Automatic Lamp Selection between UV & Visible Range

ACCESSORIES

- Quartz Cuvettes - A Set of 2
- Glass Cuvettes - A Set of 4
- Instruction Manual
- Software Manual
- Software CD
- RS232 Cable for PC Connectivity
- Mains Lead
- Dust Cover



TECHNICAL SPECIFICATIONS

✓ WAVELENGTH RANGE	200 - 1020 nm
✓ SPECTRAL BANDWIDTH	4 nm
✓ OPTICAL SYSTEM	Single Beam, grating 1200 lines/mm
✓ WAVELENGTH ACCURACY	± 1 nm
✓ WAVELENGTH REPEATABILITY	2.0 nm
✓ WAVELENGTH RESOLUTION	2.0 nm
✓ PHOTOMETRIC ACCURACY	± 0.5 %T or 0.003 A@1A
✓ PHOTOMETRIC RANGE	- 0.3 to 2A, 0 - 200 %T, 0 - 9999 Conc.
✓ STRAY LIGHT	< 0.3 %T
✓ STABILITY	± 0.002 A/h @500 nm
✓ DISPLAY	LCD
✓ KEYBOARD	Soft Touch Membrane Keys
✓ PHOTOMETRIC MODE	% Transmission, Absorbance and Concentration
✓ DETECTOR	Silicon Photodiode
✓ SAMPLE COMPARTMENT	Standard 4-Position 10 mm path-length cuvette holder. (Accommodates upto 100 mm path-length cuvette with optional holder)
✓ LIGHT SOURCE	Tungsten and Deuterium Lamps
✓ OUTPUT	RS 232 USB for PC Connectivity and Parallel Port for Dot Matrix Printer
✓ POWER	230 V±10% AC, 50 Hz