

DOUBLE BEAM

UV-VIS SPECTROPHOTOMETER

(With Variable Bandwidth)

2203



TECHNICAL SPECIFICATIONS

✓ FUNCTION	Transmittance, Absorbance, Concentration, Wavelength, Time, Scanning
✓ WAVELENGTH RANGE	190 - 1100 nm
✓ SPECTRAL BANDWIDTH	0.5/1.0/1.5/2.0/4.0/5.0 (Variable)
✓ OPTICAL SYSTEM	Double Beam, Holographic, Grating 1200 lines/mm
✓ WAVELENGTH ACCURACY	± 0.3 nm
✓ WAVELENGTH REPEATABILITY	± 0.2 nm.
✓ FOCAL LENGTH	120 mm
✓ SCANNING SPEED	HIGH, MED & LOW, MAX. 3600 nm/min
✓ PHOTOMETRIC ACCURACY	± 0.3 %T or ± 0.002 A/h @1A
✓ PHOTOMETRIC RANGE	%T : 0 - 400% Abs : -4 to 4A Conc. : 0 - 9999 C
✓ STRAY LIGHT	< 0.05 %T @ 220 nm & 340 nm Automatic
✓ STABILITY	± 0.001 A/h @ 500 nm
✓ DISPLAY	5.5 Inches 320 x 240 Dots Graphical LCD
✓ BASELINE FLATNESS	± 0.001A/h (200 - 1000 nm) Automatic
✓ SAMPLE COMPARTMENT	2 cell holder 10 mm path-length.
✓ LIGHT SOURCE	Halogen & Deuterium Lamps (Pre-Aligned)
✓ PRINTER INTERFACE	Parallel port for Dot Matrix
✓ PC CONNECTIVITY	USB Port for PC Connectivity
✓ INTERNET STORAGE	1 GB
✓ POWER	230 V ± 10% AC, 50 Hz
✓ DIMENSIONS (L x B x H)	Instrument : 760 x 550 x 240 mm (Approx.)
✓ WEIGHT	Instrument : 20.0 Kg. (Approx.)

NEW

SALIENT FEATURES

- ✓ Double Beam Optics
- ✓ 320 x 240 Dots Graphical LCD with back light
- ✓ Auto Wavelength Setting at 0.1nm interval
- ✓ On-screen Standard and Kinetic Curve Display
- ✓ Tungsten/Deuterium Lamp can be turned ON/OFF Individually to Extend Lifetime
- ✓ Application Software provides complete control of the instrument from a computer through the built-in USB Port.
- ✓ Basic, WL Scan, Multi-Wavelength, Kinetic, Quantitative, DNA/Proteinmodes
- ✓ Pre-aligned design makes it convenient to change Lamps
- ✓ Large Sample Compartment, can accommodate 5-100 mm path-length cuvettes with optional holders.
- ✓ Optional Sipper Pump

ACCESSORIES

- Quartz Cuvettes - A Set of 4
- Glass Cuvettes - A Set of 6
- Instruction Manual
- Software Manual
- Software CD
- USB Data Cable for PC Connectivity
- Mains Lead
- Dust Cover



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