

2301

DOUBLE BEAM UV-VIS SPECTROPHOTOMETER XENON LAMP



SALIENT FEATURE

- Double Beam Optics
- 7 Inches TFT Coloured Screen
- Auto Wavelength setting at 0.1nm interval
- On-screen Standard and Kinetic Curve Display
- Xenon Lamp for 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/Protein modes

SPECIFICATION

FUNCTION	: Basic, Wavelength Scan, Multi Wavelength, Kinetics, Quantitative, DNA/Protein
WAVELENGTH RANGE	: 190 - 1100 nm
SPECTRAL BANDWIDTH	: 1 nm
OPTICAL SYSTEM	: Double Beam, Grating 1200 lines/mm
WAVELENGTH ACCURACY	: ± 0.1 nm
WAVELENGTH REPEATABILITY	: ± 0.1 nm
SCANNING SPEED	: HI, MED & LOW, MAX 3600 nm/min
PHOTOMETRIC RANGE	: %T : 0 - 200% Abs : -0.3 % T or ± 0.002 A/h @ 1A Conc : 0 - 9999 C
STRAY LIGHT	: $\leq 0.03\%$ @ 220 nm & 360 nm
STABILITY	: ± 0.001 A/h @ 500 nm
DISPLAY	: 7 Inches TFT Coloured Screen
BASELINE FLATNESS	: ± 0.001 A/h (200 - 1000 nm)
SAMPLE COMPARTMENT	: 2 cell with automatic cell changer -10mm path-length
LIGHT SOURCE	: Xenon Lamp
PRINTER INTERFACE	: Parallel port for Dot Matrix
PC CONNECTIVITY	: USB Port for PC Connectivity
POWER	: 230 V $\pm 10\%$ AC, 50 Hz
DIMENSIONS(LxBxH)	: Instrument : 810X660X390 mm(Approx)
WEIGHT	: Instrument : 27 Kg.(Approx)

STANDARD ACCESSORIES

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

