

# DOUBLE BEAM UV-VIS SPECTROPHOTOMETER

# 2201



## TECHNICAL SPECIFICATIONS

✓ FUNCTION	Basic, Wavelength Scan, Multi Wavelength, Kinetics, Quantitative, DNA/Protein
✓ WAVELENGTH RANGE	190 - 1100 nm
✓ SPECTRAL BANDWIDTH	1.0 nm
✓ OPTICAL SYSTEM	Double Beam, Grating 1200 lines/mm
✓ WAVELENGTH ACCURACY	± 0.3 nm
✓ WAVELENGTH REPEATABILITY	± 0.2 nm.
✓ SCANNING SPEED	HI, MED & LOW, MAX. 3600 nm/min
✓ PHOTOMETRIC ACCURACY	± 0.3 %T or ± 0.002 A/h @1A
✓ PHOTOMETRIC RANGE	%T : 0 - 200% Abs : -0.3 to 3A Conc. : 0 - 9999 C
✓ STRAY LIGHT	< 0.05 %T @ 220 nm & 340 nm
✓ STABILITY	± 0.001 A/h @ 500 nm
✓ DISPLAY	5 Inches 320 x 240 Dots Graphical LCD
✓ BASELINE FLATNESS	± 0.001A/h (200 - 1000 nm)
✓ SAMPLE COMPARTMENT	2 cell holder 10 mm path- length. (50 mm & 100 mm path-length optional at extra cost)
✓ LIGHT SOURCE	Halogen & Deuterium Lamps (Pre-Alligned)
✓ PRINTER INTERFACE	Parallel Port for Dot Matrix Printer
✓ PC CONNECTIVITY	USB Port for PC connectivity
✓ POWER	230 V ± 10% AC, 50 Hz
✓ DIMENSIONS (L x B x H)	Instrument : 580 x 510 x 210 mm (Approx.)
✓ WEIGHT	Instrument : 16.0 Kg. (Approx.)

New

## SALIENT FEATURES

- ✓ Double Beam Optics
- ✓ 320 x 240 Dots Coloured Graphical LCD
- ✓ Auto Wavelength Setting
- ✓ 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/Protein modes
- ✓ Pre-aligned design makes it convenient to change Lamps
- ✓ Large Sample Compartment can accommodate 5-100 mm path-length cuvettes with optional holders.

## 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



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