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Double Beam UV-VIS Spectrophotometer

Product Image



Description

Catalog No: 100080

Double Beam Microprocessor Based Ultra Violet and Visible Range (UV-VIS)
Spectrophotometer - Model 2201

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.

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	8 cell with automatic cell changer - 10 mm path-length.
✓ LIGHT SOURCE	Halogen & Deuterium Lamps (Pre-Aligned)
✓ 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.)

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

Disclaimer

The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.