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Single Beam UV-VIS Spectrophotometer (With Professional Scanning Software)

Product Image



Description

Catalog No: 100084

Single Beam Microprocessor Based Ultra Violet and Visible Range (UV-VIS)
Spectrophotometer

With Professional Scanning Software - Model 291

SALIENT FEATURES

- ✓ Covers 190 to 1100 nm
- ✓ 4 Position Cuvette Holder
- ✓ μ P Based Wavelength Selection
- ✓ 128x64 Graphical LCD
- ✓ Printer Interface
- ✓ USB Computer Interface

TECHNICAL SPECIFICATIONS

✓ WAVELENGTH RANGE	190 - 1100 nm
✓ SPECTRAL BANDWIDTH	2 nm
✓ OPTICAL SYSTEM	Single Beam, grating 1200 lines/mm
✓ WAVELENGTH ACCURACY	± 0.5 nm
✓ WAVELENGTH REPEATABILITY	0.4 nm
✓ WAVELENGTH RESOLUTION	0.1 nm
✓ PHOTOMETRIC ACCURACY	± 0.5 %T or 0.003 A@1A
✓ PHOTOMETRIC RANGE	- 0.3 to 3A, 0 - 200 %T, 0 - 9999 Conc.
✓ STRAY LIGHT	< 0.3 %T
✓ STABILITY	± 0.002 A/h @500 nm
✓ DISPLAY	128 x 64 Dots Large Graphical 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	USB for PC Connectivity and Parallel Port for Dot Matrix Printer
✓ PC SOFTWARE	Basic PC Software provided for quantitative / kinetic analysis with Professional PC Software for additional wavelength scan and DNA/Protein Test.
✓ POWER	230 V ± 10% AC, 50 Hz

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.