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Double Beam UV-VIS Spectrophotometer (Xenon Lamp)

Product Image

Description

Catalog No. 100787

Double Beam Ultra Violet and Visible Range (UV-VIS) Spectrophotometer (Xenon Lamp) - Model 2301

TECHNICAL SPECIFICATIONS

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 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	≤ 0.03 % @ 220 nm & 360 nm
STABILITY	± 0.001 A/h @ 500 nm
DISPLAY	7 Inches TFT Colored Screen
BASELINE FLATNESS	± 0.001A/h (200 - 1000 nm)
SAMPLE COMPARTMENT	2 cell holder -10 mm path-length.
LIGHT SOURCE	Xenon Lamp
OUTPUT PORTS	USB DRIVE, USB HOST & RS232
POWER	230 V ± 10% AC, 50 Hz
DIMENSIONS (L x B x H)	Instrument : 810 x 660 x 390 mm (Approx.)
WEIGHT	Instrument : 27 Kg. (Approx.)

SALIENT FEATURES

- ✓ Double Beam Optics
- ✓ 7 Inches TFT Colored 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/Proteinmodes

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

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.