

1900

NEW

DOUBLE BEAM

UV-VIS SPECTROPHOTOMETER
TOUCH SCREEN



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	10.1 Inches Colored Touch Screen
BASELINE FLATNESS	± 0.001A/h (200 - 1000 nm)
SAMPLE COMPARTMENT	2 cell -10 mm path-length.
LIGHT SOURCE	Halogen & Deuterium Lamps (Pre-Aligned)
PRINTER INTERFACE	Parallel port for Dot Matrix
PC CONNECTIVITY	USB Port for PC Connectivity
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
- ✓ 10.1 Inches Colored Touch Screen
- ✓ Auto Wavelength Setting at 0.1nm interval
- ✓ 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/Proteinmodes
- ✓ Pre-aligned design makes it convenient to change Lamps

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



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