

IV-2201 DOUBLE BEAM UV-VIS SPECTROPHOTOMETER

2 CELL HOLDER

PRODUCT FEATURES

- Double Beam Optics
- 320x240 TFT Colored 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
- USB Data Cable for PC Connectivity
- Mains Lead
- Dust Cover



Technical specification

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\ Repeatability	$\pm 0.1\text{nm}$ \ $\pm 0.1\text{ nm}$
Scanning Speed	HI, MED & LOW, MAX. 3600 nm/min
Photometric Accuracy\Range	Accuracy ($\pm 0.3\%$ T or $\pm 0.002\text{ A/h @ }1\text{A}$) \ Range(%T: 0 - 200% ,Abs: -0.4 to 4A, Conc: 0 - 9999 C
Stray Light	< 0.05%T at 220 nm & 340 nm
Stability	$\pm 0.001\text{ A/h @ }500\text{ nm}$
Display	7 Inches 320 x 240 TFT colored graphical LCD
Baseline Flatness	$\pm 0.001\text{A/h (200 - 1000 nm)}$
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-Aligned)
Printer Interface	USB drive, USB host and RS 232
Detector	Silicon photodiode
PC Connectivity	USB Port for PC connectivity and RS 232