

## IV-2202 DOUBLE BEAM UV-VIS SPECTROPHOTOMETER

### PRODUCT FEATURES

- Double Beam Optics
- 7 Inches TFT Color Screen
- 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

### 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

### 8 CELL HOLDER



### Technical specification

<b>Function</b>	Basic, Wavelength Scan, Multi Wavelength, Kinetics, Quantitative, DNA/Protein
<b>Wavelength Range</b>	190 - 1100 nm
<b>Spectral Bandwidth</b>	1.0 nm
<b>Optical System</b>	Double Beam, Grating 1200 lines/mm
<b>Wavelength Accuracy\ Repeatability</b>	± 0.1nm \ ± 0.1 nm
<b>Scanning Speed</b>	HI, MED & LOW, MAX. 3600 nm/min
<b>Photometric Accuracy\Range</b>	Accuracy (± 0.3 %T or ± 0.002 A/h @ 1A) \ Range( %T: 0 - 200% ,Abs: -0.4 to 4A, Conc: 0 - 9999 C
<b>Stray Light</b>	< 0.05%T at 220 nm & 340 nm
<b>Stability</b>	± 0.001 A\h @ 500 nm
<b>Display</b>	7 Inches 320 x 240 TFT colored graphical LCD
<b>Baseline Flatness</b>	± 0.001A/h (200 - 1000 nm)
<b>Sample Compartment</b>	8 cell holder 10 mm path-length. (50 mm & 100 mm path-length optional at extra cost)
<b>Light Source</b>	Halogen & Deuterium Lamps (Pre-Aligned)
<b>Printer Interface</b>	USB drive, USB host and RS 232
<b>Detector</b>	Silicon photodiode
<b>PC Connectivity</b>	USB Port for PC connectivity and RS 232