

IV-2205 DOUBLE BEAM UV-VIS SPECTROPHOTOMETER

TOUCH SCREEN

PRODUCT FEATURES

- Double Beam Optics
- 10.1 Inches Touch 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 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	$\pm 0.1 \text{ nm} \setminus \pm 0.1 \text{ nm}$
Scanning Speed	HI, MED & LOW, MAX. 3600 nm/min
Photometric Accuracy\Range	Accuracy ($\pm 0.3 \%T$ or $\pm 0.002 \text{ A/h @ } 1A$) \ Range(%T: 0 - 200% ,Abs: -0.4 to 4A, Conc: 0 - 9999 C)
Stray Light	$< 0.05 \%T @ 220 \text{ nm} \ \& \ 360 \text{ nm}$
Stability	$\pm 0.001 \text{ A/h @ } 500 \text{ nm}$
Display	10.1 Inches Colored Touch Screen
Baseline Flatness	$\pm 0.001A/h (200 - 1000 \text{ nm})$
Sample Compartment	2 cell with automatic cell changer-10 mm path-length
Light Source	Halogen & Deuterium Lamps (Pre-Aligned)
Printer Interface	USB drive, USB host and RS232
PC Connectivity	USB PORT FOR PC CONNECTIVITY
Detector	Silicon photodiode