

LT-2203 DOUBLE BEAM UV-VIS SPECTROPHOTOMETER

VARIABLE BANDWIDTH

PRODUCT FEATURES

- ✓ Double Beam Optics
- ✓ 320x240 Dots Graphical LCD
- ✓ Auto Wavelength Setting at 0.1 nm 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/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.
- ✓ Optional sipper pump

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 SPECIFICATIONS

Function	Basic, Wavelength Scan, Multi Wavelength, Kinetics, Quantitative, DNA/Protein
Wavelength Range	190 - 1100 nm
Spectral Bandwidth	0.5/1.0/1.5/2.0/4.0/5.0nm (Variable)
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 - 400% Abs : -0.4 to 4Abs Conc. : 0 - 9999 C
Stray Light	< 0.05 %T @ 220 nm & 360 nm
Stability	± 0.001 A/h @ 500 nm
Display	320x240 Dots Graphical LCD
Baseline Flatness	± 0.001A/h (200 -1000 nm)
Sample Compartment	2 cell holder 10mm path-length. (50mm path-length optional at extra cost)
Light Source	Halogen & Deuterium Lamps (Pre-Aligned)
Printer Interface	USB, Parallel port for dot matrix
Detector	Silicon photodiode
Power	230 0 ± 10% AC, 50 Hz
Dimensions (L x B x H)	760 x550 x 240 mm (Approx.)
Weight	20.0 Kg. (Approx)