

LT-2201 DOUBLE BEAM UV-VIS SPECTROPHOTOMETER

2 CELL HOLDER

PRODUCT FEATURES

- ✓ Double Beam Optics
- ✓ 320 x 240 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 SPECIFICATIONS

| | |
|---------------------------------|---|
| 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 | ± 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 : -0.4 to 4A Conc. : 0 - 9999 C |
| Stray Light | < 0.05 %T @ 220 nm & 340 nm |
| Stability | ± 0.001 A/h @ 500 nm |
| Display | 7 Inches 320 x 240 TFT colored graphical LCD |
| Baseline Flatness | ± 0.001A/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 |
| Power | 230 0 ± 10% AC, 50 Hz |
| Dimensions (L x B x H) | 580 x 500 x 210 mm (Approx.) |
| Weight | 16.0 Kg. (Approx) |

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All Designs And Specifications are subject to change without prior notice.

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