

LT-1901 DOUBLE BEAM UV-VIS SPECTROPHOTOMETER

BLUETOOTH ANDROID SOFTWARE



PRODUCT FEATURES

- ✓ Bluetooth Connectivity
- ✓ Double Beam Optics
- ✓ 8.7 inch Tablet with 128 GB Storage.
- ✓ 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
- ✓ 8.7 Inch Tablet With 128 GB Storage
- ✓ Instruction Manual
- ✓ Mains Lead
- ✓ Dust Cover



TECHNICAL SPECIFICATIONS

Wavelength Range	190-1100nm
Spectral Bandwidth	1nm
Optical System	Double Beam, Blazed Holographic Grating (1200 lines/mm)
Wavelength Accuracy	±0.5nm
Wavelength Repeatability	≤0.2nm
Wavelength Setting	Auto, Resolution 0.1nm
Photometric Range	0~200%T, -4~4A, 0~9999C
Photometric Accuracy	±0.002 A (0~0.5A), ±0.003A (0.5~1A), ±0.3%T (0~100%T)
Photometric Repeatability	≤0.001 A (0~0.5A), ≤0.002A (0.5~1A), ≤0.2%T (0~100%T)
Stray Light	≤0.05%T (220/360nm)
Scan Speed	High, Medium, Low. Max.2000nm/minute
Baseline Flatness	±0.0015A
Stability	±0.001A/h (500nm,0A)
Noise	≤0.2%T/3min (250/500nm,0%T); ≤0.5%T/3min (250/500nm,100%T)
Sample Compartment	10mm Pathlength Cuvette
Detector	Silicon Photodiode
Lamps	Tungsten Lamp & Deuterium Lamp (Pre-aligned)
Output Port	USB Port
Printer	Mini Serial Printer; PC Printer
PC Software	UV Analyst Scanning Software
Power Requirements	AC 90-250V, 50/60Hz
Dimension	545x468x245mm
Weight	18kg

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

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