

# LT-2301 DOUBLE BEAM UV-VIS SPECTROPHOTOMETER

## XENON LAMP

### PRODUCT FEATURES

- ✓ Double Beam Optics
- ✓ Inches TFT Color Screen
- ✓ Auto Wavelength Setting at 0.1 nm interval
- ✓ On-screen Standard and Kinetic Curve Display
- ✓ Xenon Lamp for 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



### 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



ACCURATE & STABLE



TFT DISPLAY



SOFTWARE CONTROL SYS.



EASY OPERATION



USB CONNECTIVITY

### TECHNICAL SPECIFICATIONS

Function	Basic, Wavelength Scan, Multi Wavelength, Kinetics, Quantitative, DNA/Protein
Wavelength Range	190 - 1100 nm
Spectral Bandwidth	1 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	≤ 0.03 %T @ 220 nm & 360 nm
Stability	± 0.001 A/h @ 500 nm
Display	7 Inches TFT Colored Screen
Baseline Flatness	± 0.001A/h (200 -1000 nm)
Sample Compartment	2 cell holder-10 mm path- length.
Light Source	Xenon Lamp
Printer Interface	USB DRIVE, USB HOST & Rs232
PC Connectivity	USB PORT FOR PC CONNECTIVITY
Detector	Imported Silicon photodiode
Power	230 0 ± 10% AC, 50 Hz
Dimensions (L x B x H)	810 x660 x 390 mm (Approx.)
Weight	27.0 Kg. (Approx)