LABWAN UV-VISIBLE DOUBLE BEAM SPECTROPHOTOMETER

Product Description

LABWAN LUV-1950 Double Beam UV-Visible Spectrophotometer is designed for accurate UV-Visible analysis with a 190–1100 nm wavelength range, 1 nm bandwidth, 7" colour LCD, D2 & Tungsten Halogen lamps, and silicon photodiode detector. Ideal for pharmaceutical, chemical, food, environmental, research and quality-control laboratories for absorbance, transmittance and concentration analysis.

Features

- 7 inches colour LCD and window graphic interface.
- Memory about 1 GB for saving test data and different curves.
- Supports external storage through USB & SD card.
- Socket type deuterium and tungsten lamp can make lamp switching without optical debugging and easy to be replaced.
- Automatic Temperature Compensation (ATC) ensures high accuracy.

Accessories

- Instruction manual
- Glass/quartz cuvette
- Dust cover



Factory Units: Unit-1: Dhakoli – 140603 Unit-2: Rampur, Ambala Cantt, Haryana – 133006
Registered Office 1: S.C.O. No. 14, Vasant Vihar Phase 3, Dhakoli, Zirakpur, Punjab –140603
Registered Office 2:Plot No. 576, Industrial Area, Phase 2, Chandigarh – 160002
Website: www.labwan.in / www.labwan.co.in Email: info@labwan.co.in GSTIN: 03CIAPA7432A1Z8

PARAMETER	SPECIFICATION
Product Name	UV-Visible Spectrophotometer
Model	LUV-1950
Make	LABWAN
Bandwidth	1 nm
Cell holder	Sample and reference cuvette holder (both 10 mm)
Optical system	Double beam (1200 lines/mm grating)
Wavelength Range	190-1100 nm
Wavelength Accuracy	± 0.3 nm
Wavelength Repeatability	± 0.1 nm
Scanning Speed	Fast, Medium, slow (Max. 3000 nm/min)
Photometric Range	-0.3 ~ 3A, 0~200%T, 0~9999C
Photometric Accuracy (T)	± 0.2%T (0-100%)
Photometric Accuracy (A)	≤±0.002A (0~0.5A), ≤±0.004A (0.5~1A), ≤±0.006A (>2.0)
Photometric Repeatability	≤0.15% T (0-100%), 0.001A (0-0.5A), 0.002A (0.5-1 A)
Stability	± 0.0003 A/h @500 nm
Baseline flatness & noise	± 0.0010A, 0.0005A @500 nm
Stray Light	<0.03 %T @220 nm, 360 nm
Data Output	USB / RS232
Printer Port	Parallel Port
Display	7" Colour LCD
Lamps	D2 and Tungsten Halogen lamp
Detector	Silicon Photodiode
Power Supply	AC 220 V / 50 Hz
Dimension & Weight	590 × 475 × 250 mm & 20 kg
Optional	8-cell holder, peltier/sipper system, reflection accessories, 21 CFR software

Factory Units: Unit-1: Dhakoli – 140603 Unit-2: Rampur, Ambala Cantt, Haryana – 133006
Registered Office 1: S.C.O. No. 14, Vasant Vihar Phase 3, Dhakoli, Zirakpur, Punjab –140603
Registered Office 2:Plot No. 576, Industrial Area, Phase 2, Chandigarh – 160002
Website: www.labwan.in / www.labwan.co.in Email: info@labwan.co.in GSTIN: 03CIAPA7432A1Z8