

LABWAN UV VIS SPECTROPHOTOMETER

► Product Description

LABWAN LUV-100 UV-Vis Spectrophotometer features a 195–1020 nm wavelength range, 2 nm spectral bandwidth, 1200 lines/mm grating, and silicon photodiode detector with Deuterium and Tungsten lamps. It provides $\pm 0.5\%$ photometric accuracy, a 4-digit LCD display with T, A & C modes, and reliable stability for routine analysis. Supplied with 10 mm glass cell, 10 mm quartz cell, power cord, and instruction manual, it is suitable for chemical, pharmaceutical, educational, and research laboratories.

► Features

- Extremely easy to set up and simple to use.
- Monochromator with a holographic flashing grating.
- High wavelength precision, good monochromatic performance, and low stray light.
- Direct readout of Absorption (ABS), Transmittance (%T), Concentration (C), and concentration setting function.

► Application/Uses

- Medical/Pharmaceutical
- Industry Environmental Monitoring
- Commodity Inspection
- Food Inspection
- Agricultural Chemistry
- Teaching in Colleges & Universities
- Metallurgy
- Geology
- Machine Manufacturing
- Petrochemical Industries
- Water and Waste Water Labs
- Food and Beverage Labs

► Accessories

- Glass Cell 10 mm
- Quartz Cell 10 mm
- Power Cord
- Instruction Manual



Parameter	Specification
Product Name	LABWAN UV Vis Spectrophotometer
Model Name	LUV-100
Make	LABWAN
Optical System	CT Single Beam, Grating 1200 lines/mm
Wavelength Range	195~1020 nm
Spectral Bandwidth	2 nm
Wavelength Interval	1 nm
Wavelength Accuracy	± 2 nm
Wavelength Repeatability	1 nm
Photometric Accuracy	±0.5%T
Photometric Repeatability	0.2%T
Photometric Range	0~200%T
Stray Light	≤0.3%T@340nm
Stability	±0.002A/h @500nm
Display & Photometric Mode	4 Digit LCD & Mode: T, A, C
Detector	Silicon Photodiode
Light Source	Deuterium & Tungsten Lamp
Power Supply	AC 220V / 50Hz
Dimensions & Weight	450 × 520 × 320 mm & 12 kgs