

VISIBLE SPECTROPHOTOMETER

▶ Product Description

The LABWAN LV-320 Spectrophotometer features a single-beam optical system, a wavelength range of 320–1020 nm, and 2 nm spectral bandwidth. It measures absorbance, transmittance, and concentration, with a 4-digit LCD display, silicon photodiode detector, and tungsten lamp.

▶ 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 Absorbance (ABS), Transmittance (%T), and Concentration (C), with 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
- Power Cord
- Instruction Manual



Technical	Specification
Product Name	Visible Spectrophotometer
Model	LV-320
Make	LABWAN
Optical System	CT Single Beam, Grating 1200 lines/mm
Wavelength Range	320~1020 nm
Spectral Bandwidth	2 nm
Wavelength Interval	1 nm
Wavelength Accuracy	± 2 nm
Wavelength Repeatability	1 nm
Photometric Accuracy	±1%T
Photometric Repeatability	0.5%T
Photometric Range	0 -1.999A, 0-199.9%T
Stray Light	≤0.3%T@340nm
Stability	±0.004A/h @500nm
Display & Photometric Mode	4 Digit LCD & Mode: T, A, C
Detector	Silicon Photodiode
Light Source	Tungsten Lamp
Power Supply	AC 220V / 50Hz
Dimensions & Weight	450 × 520 × 320 mm & 10 kgs