

MICROPROCESSOR SINGLE BEAM VISIBLE SPECTROPHOTOMETER WITH SOFTWARE

▶ Product Description

The Microprocessor Single Beam Visible Spectrophotometer is designed for laboratory analysis, featuring a wavelength range of 320–1000 nm, 2 nm bandwidth, and a tungsten halogen lamp (20W/12V). It offers ± 2 nm wavelength accuracy, reliable photometric performance, and RS232 serial and parallel interfaces for data connectivity.

▶ Features

- Microprocessor-based single beam visible spectrophotometer.
- Wavelength range: 320–1000 nm.
- Wavelength accuracy: ± 2 nm.
- Bandwidth: 2 nm.
- Tungsten halogen lamp (20W/12V).
- Reliable photometric performance.
- RS232 serial and parallel interfaces.
- Compatible with software for data analysis.

▶ Application/Uses

- Chemical and biochemical analysis.
- Water and wastewater testing.
- Pharmaceutical quality control.
- Food and beverage analysis.
- Research and educational laboratories.



► Accessories

- Main Instrument: 1 Unit
- Operational Manual: 1 No.
- Power Cable: 1 No.
- Glass Cell 10 mm: 4 No.
- Software CD: 1 No.
- RS 232 Cable: 1 No.
- Dust Cover: 1 No.

Parameter	Specification
Product Name	Microprocessor Single Beam Visible Spectrophotometer with Software
Model name	LW-SBVS-12
Wavelength Range	320-1000nm
Light Source Lamp	Tungsten Halogen Lamp 20W/12V
Wavelength Accuracy	±2 nm
Wavelength Reproducibility	1 nm
Band Width	2 nm
Photometric Accuracy	±0.5%(T)
Photometric Reproducibility	0.2%(T)
Stray Light	±0.2%(T)
Noise	±0.2%(T)
Size	(L*W*H) Main Unit : 370*320*190mm Carton : 450*420*280mm
Power Requirement	220V/110V±10% 50/60 Hz
Interface	RS232 serial & parallel interface