

Visible Spectrophotometer LX105VS



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Visible Spectrophotometer LX105VS is a single beam spectrophotometer designed with an automatic wavelength setting mode, to avoid operational errors, and to take quick measurements. The highly stable optics and silicon photodiode detector measures the sample and reference simultaneously optimizing the measurement accuracy. The simple design of the product makes model an ideal tool for everyday usage purpose.

Features

- Adopt 1200 lines/mm high-performance grating
- The instrument adopts 320 x 240 lattice highlighted LCD display, direct display scan map, the screen interface simple, convenient use
- With socket tungsten lamp design, there is no need of optical debugging when changing lamp
- Large sample chamber, Can accommodate 5-100mm various specifications of the cuvettes
- Can be directly connected to the printer to print patterns and the experimental data with the help of USB port and parallel port
- Silicon photodiode as detector
- The instrument can independently accomplish Photometric measurement and Quantitative measurement, Spectral scanning, dynamics, DNA/protein list, wavelength testing and data printing function etc.

Applications

Used widely in universities and colleges, food and beverage production and quality control, agricultural monitoring etc. medical testing, food, petrochemical industry, environmental protection and monitoring and other fields.

Specification

Model No.	LX105VS
Wavelength Range	320-1100nm
Spectral Bandwidth	2nm
Wavelength Accuracy	0.3nm
Wavelength Repeatability	0.2nm
Photometric Accuracy	±0.5%T
Photometric Repeatability	0.1%T (0~100%T)
Photometric Range	-0.3-3A
Stray Light	0.05%T@220nm, 360nm
Stability	±0.0001A/h@500nm
Baseline Flatness	±0.002A
Noise	±0.001A
Power supply	AC 220V/50Hz or AC 110V/60Hz
Dimensions	590 x 475 x 250mm
Net Weight	20kg
Outer Dimensions	770 x 630 x 340mm
Gross Weight	26kg