

Visible Spectrophotometer LX102VS



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Visible Spectrophotometer LX102VS is a spectrophotometer with blue-lit LCD display and wavelength repeatability of 1nm. 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

- The wavelength can be set manually with the help of a dial on the front panel
- Display – 70 x 40mm blue-lit LCD display for T, A, C, K, B
- By USB port or RS-232port, measured values can be transferred to PC for further analysis
- The source of light is provided by tungsten lamp
- Silicon photodiode as detector
- Can store 50 groups of measuring data and 10 groups of K&B value
- Can adjust automatically 0%A and 100%T
- Large sample compartment, it can accommodate 5-100mm path length cuvettes

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.

Specifications

Model No.	LX102VS
Wavelength Range	320-1100nm
Spectral Bandwidth	4nm
Wavelength Accuracy	2nm
Wavelength Repeatability	1nm
Photometric Accuracy	0.5%T
Photometric Repeatability	0.2%T
Stray Light	0.15%T@500nm
Stability	0.002A@500nm
Power supply	AC 220V/50Hz or AC 110V/60Hz
Dimensions	520 x 450 x 320mm
Weight	10kg