



Analytical Balance & Scientific Instruments



Microprocessor

UV Visible Spectrophotometer

SPECIFICATIONS

SALIENT FEATURES

UV Visible Spectrophotometer

- Large LCD screen (128x64 Dots).
- Can save and display 50 groups of data, 5 groups per screen.
- Data can be restored after a sudden power cut.
- Auto setting wavelength.
- Automatic wavelength calibration and dark current getting.
- Optional software can expand the applications to Kinetics and Quantitatives.

Model	LMSP-UV1000 B
Make	LABMAN
Optical System	Single Beam, Grating 1200 lines / mm
Wavelength Range	190 - 1000 nm
Spectral Band width	2nm
Wavelength Accuracy & Repeatability	$\pm 1\text{nm}$ & $\pm 0.5\text{nm}$
Wavelength Setting	Automatic
Photometric Accuracy & Repeatability	$\pm 0.5\%T$ & $\pm 0.3\%T$
Photometric Range	-0.3-3A ,0-200%T
Stability	$\pm 0.002A/h$ @ 500nm
Stray Light	$\leq 0.3\%T$
Data Output Port	USB Port & Parallel Port (Printer)
Cell Holder	10mm cell 4 position cuvette holder
Display	128x64 Graphic LCD
Light Source & Detector	Deuterium Lamp & Tungsten Halogen lamp
Power supply	AC 220V / 50Hz
Dimension	420 x 280 x 180 mm
Weight	15kg

INSTRUMENT INCLUDES: 4 Nos 10mm Glass cuvettes, one pair of quartz cuvette, Manual & Dust Covers.