

LMSPUV1200

CATALOGUE 2024-25



**Single Beam
UV - VIS. Spectrophotometer
LMSPUV1200**



E - Catalogue

SALIENT FEATURES

✦ NUMERICAL KEYS

Microprocessor controlled, all parameters of this instrument can be easily set by numerical keys.

✦ 8MM THICK OPTICAL BASE

The instruments use a rigid die-cast aluminum base as its optical mount to ensure instrument stability and reliability.

✦ STANDARD CURVE

Can set up various standard curves according to customer's solutions and find the concentration of unknown solutions

✦ AUTO SETTING WAVELENGTH

Users set wavelength automatically through arrow keys to avoid operation errors.

✦ DATA OUTPUT

LMSPUV1200 is equipped with USB port to connect with a PC to display spectrum scanning, kinetics and multi wavelength testing results on the screen through the software.

✦ IMPORTED HIGH QUALITY DEUTERIUM LAMP

This instrument uses imported flanged deuterium lamp with low stray light, photometric accuracy and easy replacing

✦ Data can be restored after a sudden power cut.

✦ Tungsten lamp & Deuterium lamp can be turned on/off individually to extend shelf life

✦ Large sample compartment, it can accommodate 5-100mm path length cuvettes with optional holders.

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**UV - VIS. Spectrophotometer - Single Beam**

HSN Code : 90273020

SPECIFICATIONS	Model	LMSPUV1200
	Make	LABMAN
	Wavelength Range	190-1100nm
	Bandwidth	2nm
	Optical System	Single Beam, Grating 1200 lines / mm
	Wavelength Accuracy	±0.8nm
	Wavelength Repeatability	± 0.2nm
	Wavelength Setting	Automatic
	Photometric Accuracy	±0.3%T
	Photometric Repeatability	± 0.2%T
	Photometric Range	-0.3-3A,0-200%T
	Stability	± 0.002A/h @ 500nm
	Baseline Flatness	± 0.002A/h
	Stray Light	≤ 0.05 % T
	Data Output	USB
	Printer Port	Parallel Port
	Display	LCD
	Cell Holder	10 mm 4 position cuvette holder
	Light Source	D2 Lamp & Tungsten Halogen Lamp (W Lamp)
	Detector	Silicon Photodiode
	Power Supply	AC 220V,50/60Hz
	Dimension (LxWxH) mm	460x360x225mm
	Weight	18kg

★ Specifications are subject to change without notice.

**Optional Accessories**

- ✦ Peltier / Sipper System
- ✦ Multi cell Holder (Upto 100mm)

STANDARD ACCESSORIES : Main Instrument,10mm Glass Cuvette - 4pcs. 10mm Quartz Cuvette - 2 pcs., Dongle, Pen drive, Power Cable, Dust Cover, Test Certificate.