

**LMSPUV1000B**

CATALOGUE 2024-25



Basic Model



**Single Beam  
UV - VIS. Spectrophotometer  
LMSPUV1000B**



E - Catalogue

## SALIENT FEATURES

### ✦ LOW STRAY LIGHT

LMSPUV1000B is made of high quality components with rigid structure which ensures low stray light.

### ✦ STABILITY AND DURABILITY

LMSPUV1000B uses a rigid die-cast aluminum base as its optical mount to ensure instrument stability and Reliability.

### ✦ STRANDED CURVE

LMSPUV1000B can set up various standard curves according to customer's solutions and find the concentration of unknown solutions.

### ✦ MULTIPLE RESULTS READOUT

LMSPUV1000B can display wavelength, absorption and transmittance with 5 results per screen. It also has a memory store of up to 200 results.

### ✦ AUTO SETTING WAVELENGTH

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

### ✦ DATA OUTPUT

LMSPUV1000B is equipped with USB port to connected with a PC to display spectrum scanning, kinetics and multi wavelength testing results on the screen.

### ✦ Data can be restored after a sudden power cut

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**UV-Visible Spectrophotometer - Basic**

HSN Code : 90273020

SPECIFICATIONS	Model	LMSPUV1000B
	Make	LABMAN
	Optical System	Single beam, Grating 1200 lines/mm
	Wavelength Range	190-1000nm
	Bandwidth	2nm
	Wavelength Accuracy	±1nm
	Wavelength Repeatability	±0.5nm
	Wavelength Setting	Automatic.
	Photometric Accuracy	±0.5%T
	Photometric Repeatability	±0.3%T
	Photometric Range	-0.3-3A,0-200%T
	Stray Light	≤0.3%T
	Stability	± 0.002A/h @ 500nm
	Display	LCD
	Detector	Silicon Photodiode
	Standard Cell Holder	4-position 10mm cell holder
	Light Source	D2 lamp & Tungsten Halogen Lamp ( W Lamp)
	Output	USB Port & Parallel Port(Printer)
	Power Supply	AC 220V,50/60Hz
	Dimension (LxWxH) mm	490 x 370 x 220
	Weight	15kg

★ 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, Instruction Manual Test Certificate.