



**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.

## 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
Packing Dimension (LxWxH)	640x 550 x 400mm
Gross Weight	24kg

★ 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.