

Upgraded Model

LMSPUV1200



UV - VIS. Spectrophotometer
Single Beam

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

LMSP -UV1200 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 optional 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	Auto
	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
	Lamps	D2 Lamp & Tungsten Halogen Lamp (W Lamp)
	Detector	Silicon Photodiode
Power Supply	AC 220V/50Hz	
Dimension (LxWxH) mm	460x360x225mm	
Weight	18kg	

★ Specifications are subject to change without notice.

STANDARD ACCESSORIES	Software	1 pc
	10mm Glass Cuvette	4 pcs.
	10mm Quartz Cuvette	2 pcs.
	Power Cord	1 pc
	Instruction Manual	1 pc.
	Dust Cover	1 pc.





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.

◆ STANDARD 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. The software is optional.

◆ Data can be restored after a sudden power cut

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	Auto.
	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/50Hz	
Dimension (LxWxH) mm	490 x 370 x 220	
Weight	15kg	

★ Specifications are subject to change without notice.

STANDARD ACCESSORIES	Software	1 pc.
	10mm Glass Cuvette	4 pcs.
	10mm Quartz Cuvette	2 pcs
	Power Cord	1 pc.
	Instruction Manual	1 pc.
	Black Block	1 pc.
	Dust Cover	1 pc.

