

LMSPV320

CATALOGUE 2024-25



Visible Spectrophotometer

LMSPV320



E - Catalogue

SALIENT FEATURES

✦ MICROPROCESSOR CONTROLLED

Microprocessor controlled, LMSPV320 can realize auto Zero and auto 100% T adjustment with one push-button. LMSPV320 has a LCD display for direct readout of Transmittance, Absorption, and Concentration.

✦ GRATING MONOCHROMATOR

LMSPV320 uses 1200 line grating which ensures high resolution, low stray light and parameters accuracy.

✦ DATA OUTPUT

LMSPV320 is equipped with USB port which can be connected to PC to edit data through specific software (Optional) Data can also be printed through a parallel port connected to a printer.

✦ COMPACT DESIGN, EASY TO CARRY

The compact design of LMSPV320 saves bench space while all components function remain performed like 120mm wide sample compartment and long optical path monochromator.

✦ DISPLAY MODE

LMSPV320 can display absorption, transmittance, concentration and coefficient directly by different mode switching.

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

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**Visible Spectrophotometer**

HSN Code : 90273020

SPECIFICATIONS	Model	LMSPV320
	Make	LABMAN
	Optical System	Single Beam, Grating 1200 lines/mm
	Wavelength Range	325-1000nm
	Spectral Bandwidth	4nm
	Wavelength Accuracy	±2nm
	Wavelength Repeatability	±1nm
	Wavelength Setting	Manual
	Photometric Accuracy	±0.5%T
	Photometric Repeatability	±0.3%T
	Photometric Range	-0.3-3A,0-200%T
	Photometric Mode	T.A.C.F
	Stray Light	≤0.3%T
	Stability	± 0.002A/h
	Display	LCD
	Detector & Light Source	Silicon Photodiode & Tungsten Halogen Lamp
	Output	USB Port & Parallel Port(Printer)
	Power Supply	AC 220V,50/60Hz
	Dimension (LxWxH) mm	420x280x180mm
	Weight	8kg

★ Specifications are subject to change without notice.

**STANDARD ACCESSORIES** : Main Instrument,10mm Glass Cuvette - 4pcs. Pen drive, Power Cable, Dust Cover, Instruction Manual Test Certificate.