



Double Beam UV-Vis. Spectrophotometer LMSPUV1900, 1908, 1920, 1928



E - Catalogue

SALIENT FEATURES

- ✦ The two detectors are used to measure sample and reference respectively and simultaneously for optimizing measurement accuracy.
- ✦ Lamp Selection enables conserving the life of D2 & Tungsten lamps. Real time clock for date & time stamping of results.
- ✦ **LIGHT PATH DESIGN: DOUBLE BEAM**
LMSPUV1900 series double light design can prevent circuit fluctuation and stray light to ensure stability of the instrument.
- ✦ **LONG PATH LIGHT DESIGN**
LMSPUV1900 series unique 520mm long light path design with greatly improved resolution.
- ✦ **16MM OPTICAL BASE**
LMSPUV1900 series use a rigid 16mm diecast aluminum base as their optical mount to ensure the stability and reliability.
- ✦ **6 INCHES LCD DISPLAY**
LMSPUV1900 series have a 6 inches LCD display to show results and curves directly on the screen.
- ✦ **SOFTWARE FUNCTIONS**
Multi functions operated directly on the spectrophotometer and display the test results' curve and data: wavelength scanning, standard curve, kinetics, multi wavelength scanning, DNA/protein test.
- ✦ **PERFECT CALIBRATION SYSTEM**
All baseline, wavelength, dark current can be calibrated automatically to keep good running conditions.
- ✦ **DATA OUTPUT**
LMSPUV1900 series are equipped with USB port to connect with a PC



Doublebeam UV - VIS. Spectrophotometer

HSN Code : 90273020

Model	LMSPUV1900	LMSPUV1908	LMSPUV1920	LMSPUV1928
Sample Cell Holder	10mm Cell Holder	8cell holder programable10mm	10mm Cell Holder	8cell holder programable 10mm
Bandwidth	1nm		1.0, 2.0, 4.0 nm (variable)	
Reference Cell Holder	10mm Cell Holder			
Make	LABMAN			
Optical System	Double Beam(1200 Lines/mm Grating)			
Wavelength Range	190-1100nm			
Bandwidth	1nm			
Wavelength Accuracy	±0.3nm			
Wavelength Repeatability	±0.2nm			
Scanning Speed	Fast, Medium & Low			
Photometric Accuracy	±0.3%T			
Photometric Repeatability	0.2%T			
Photometric Range	-0.3-3A,0-200%T,0-9999C			
Stability	± 0.001A/h @ 500nm			
Baseline Flatness	± 0.001A/h			
Noise	± 0.001A/h			
Stray Light	≤0.05%T @ 220nm,360nm			
Data Output Port	USB			
Printer Port	Parallel Port			
Display	LCD			
Light Source	D2 Lamp & Tungsten Halogen Lamp (W Lamp)			
Detector	Silicon Photodiode			
Power Supply	AC 220V,50/60Hz			
Packing Dimension (LxWxH)	795 x 585 x 410mm	790 x 590 x 400mm		790 x 585 x 410mm
Gross Weight	35kg			

SPECIFICATIONS

★ Specifications are subject to change without notice.

Optional Accessories Peltier / Sipper System, Multi cell Holder (Upto 50mm)

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