

Upgraded Model

LMSPUV1900



Double Beam UV-VIS. Spectrophotometer

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 double light design can prevent circuit fluctuation and stray light to ensure stability of the instrument.
- ✦ **LONG PATH LIGHT DESIGN**
LMSPUV1900 unique 520mm long light path design greatly improved resolution and the bandwidth can reach 0.5nm.
- ✦ **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 (Optional)**
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

Catalogue 2021-22



HSN Code : 9027

Doublebeam UV - VIS. Spectrophotometer

Model	LMSPUV1900	LMSPUV1900S
Cell Holder	Sample & Reference Cuvette Holder (10mm each)	
Bandwidth	1nm	0.5, 1.0, 2.0, 4.0 nm (variable)
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	
Lamps	D2 Lamp & Tungsten Halogen Lamp (W Lamp)	
Detector	Silicon Photodiode	
Power Supply	AC 220V / 50Hz	
Dimension (LxWxH) mm	625x430x206	
Weight	30kg	

SPECIFICATIONS

★ Specifications are subject to change without notice.

STANDARD ACCESSORIES		
UV Analyst Software		1 pc
10mm Glass Cuvette		4 pcs.
Power Cord		1 pc
Instruction Manual		1 pc.
10mm quartz cuvette		2 pcs.
Dust Cover		1 pc.



Optional Accessories

✚ 8 cell programmable Holder