

METASH

UV/VIS SPECTROPHOTOMETER



UV-9000/UV-9000S Double Beam UV/Vis Spectrophotometer



UV-9000 series are wide screen double beam spectrophotometers. They adopt double beam long light path design to ensure the stability and accuracy; They are the best choice of high quality spectrophotometers.

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【 Features 】

Light path design: double beam

UV-9000 series' double light path design can prevent circuit fluctuation and stray light to ensure stability of the instrument.

Long path light design

UV-9000 series' unique 520mm long light path design greatly improved resolution and the bandwidth can reach 0.5nm.

16mm optical base

UV-9000 series use a rigid 16mm diecast aluminum base as their optical mount to ensure the stability and reliability.

6 inches LCD display

UV-9000 series have a 6 inches LCD display to show results and curves directly on the screen.

Powerful software functions

Multi functions like spectrum scanning, standard curve, kinetics, multi wavelength scanning, DNA/Protein testing can be operated directly on the PC.

Multi functions on spectrophotometer

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

UV-9000 series are equipped with USB port to connect with a PC, the software comes standard with the instrument.

【 Technical Specification 】

Model	UV-9000/UV-9000S
Optical System	Double Beam(1200 Lines/mm Grating)
Wavelength Range	190-1100nm
Bandwidth	1.8nm/0.5,1.0,2.0,4.0nm
Wavelength Accuracy	± 0.3nm
Wavelength Repeatability	0.2nm
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
Noise	± 0.001A
Stray Light	≤0.05%T @ 220nm,360nm
Data Output Port	USB
Printer Port	Parallel Port
Display	320*240 Dots LCD
Lamps	D2 Lamp & W Lamp
Detector	Silicon Photodiode
Power Requirements	AC 220V/50Hz or 110V/60Hz
Dimension	625*430*206mm
Weight	30kg/32kg

【 Standard Accessories 】

Item	Description	Qty	Unit
1	Spectrophotometer	1	set
2	1cm Glass cuvette	4	pcs
3	Power cord	1	pcs
4	User's Manual	1	pcs
5	1cm quartz cuvette	2	pcs
6	Dust cover	1	pcs
7	Software Kit	1	pcs

