

METASH

UV/VIS SPECTROPHOTOMETER



UV-6000 Spectrophotometer



UV-6000 spectrophotometer, equipped with 6 inches LCD display, is an ideal and advanced analytical instrument for laboratory to realize wavelength scanning, Kinetics test, multi wavelength functions. All functions can be operated on spectrophotometer and can be read directly on the display.

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【 Features 】

6 inches LCD display

UV-6000 series has a 6 inches LCD display to show results and curves directly on the screen.

Powerful functions

Multi functions like spectrum scanning, standard curve, kinetics, multi wavelength, DNA/Protein testing can be operated directly on the spectrophotometer and all corresponding curves and data can be displayed directly.

Perfect calibration system

All baseline, wavelength, dark current can be calibrated automatically to keep good running conditions.

Lead screw structure

The instrument has a lead screw structure to make the rotation angle of the grating perfectly, so that the instrument wavelength accuracy and wavelength resolution can be greatly improved.

8mm thick optical base

UV-6000 uses a rigid 8mm die-cast aluminum base as its optical mount to ensure instrument stability and reliability.

Data output

UV-6000 is equipped with USB port to connect with a PC to display spectrum scanning, kinetics and multi wavelength testing results on the screen. The software is optional.

【 Technical Specification 】

Model	UV-6000
Wavelength Range	190-1100nm
Bandwidth	1.8nm
Wavelength Accuracy	±0.5nm
Wavelength Repeatability	0.3nm
Photometric Accuracy	±0.3%T
Photometric Repeatability	0.2%T
Photometric Range	-0.3-3A,0-200%T,0-9999C
Stability	±0.002A/h @ 500nm
Baseline Flatness	±0.002A
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	460*380*180mm
Weight	20kg

【 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

