

METASH

UV/VIS SPECTROPHOTOMETER



V-5600/UV-5600, V-5800/UV-5800 spectrophotometer



The 5600 and 5800 series include 4 models: V-5600, UV-5600, V-5800 and UV-5800. They all have a Lead screw structure which ensures high wavelength accuracy of the instrument. 5800 series with more accurate technical specification is your best choice for single beam spectrophotometer.

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【 Features 】

Lead screw structure

The instrument uses a lead screw structure so that the instrument wavelength accuracy and wavelength resolution can be greatly improved.

Numerical Keys

With microprocessor controlled, all parameters of the instrument can be easily set by numerical keys.

8mm thick optical base

The instruments use a rigid die-cast aluminum base as its optical mount to ensure instrument stability and reliability.

Standard curve

5600 and 5800 instruments can set up various standard curves according to customer's solutions and find the concentration of unknown solutions.

Auto setting wavelength

Users set wavelength automatically through arrow keys to avoid operation errors.

Data output

Equipped with USB port to connect with a PC to display spectrum scanning, kinetics and multi wavelength testing results on the screen through the optional software.

Imported high quality deuterium lamp

The UV instruments use imported flanged deuterium lamp with low stray light, photometric accuracy and easy replacing.

【 Technical Specification 】

【 Standard Accessories 】

Model	V-5600/UV-5600	V-5800/UV-5800
Wavelength Range	320nm-1100nm/190-1100nm	320nm-1100nm/190-1100nm
Bandwidth	2nm	2nm
Wavelength Accuracy	± 0.8nm	± 0.5nm
Wavelength Repeatability	0.3nm	0.2nm
Wavelength Setting	Auto	Auto
Photometric Accuracy	± 0.3%T	± 0.3%T
Photometric Repeatability	0.2%T	0.2%T
Photometric Range	-0.3-3A,0-200%T,0-9999C	-0.3-3A,0-200%T,0-9999C
Stability	± 0.002A/h @ 500nm	± 0.002A/h @ 500nm
Baseline Flatness	± 0.002A/h	± 0.0015A/h
Stray Light	≤0.05%T	≤0.05%T
Data Output Port	USB	USB
Printer Port	Parallel Port	Parallel Port
Display	128*64 Dots LCD	128*64 Dots LCD
Lamps	W Lamp/D2&W Lamp	W Lamp/D2&W Lamp
Detector	Silicon Photodiode	Silicon Photodiode
Power Requirements	AC 220V/50Hz or 110V/60Hz	AC 220V/50Hz or 110V/60Hz
Dimension	460*360*225mm	460*360*225mm
Weight	18kg	18kg

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 (UV series)	2	pcs
6	Dust cover	1	pcs

