



V-5100/UV-5100 ■

Spectrophotometer

5100 Series includes 2 classic models: V-5100 and UV-5100

V-5100 only works in visible range while UV-5100 works in both visible and UV range.

Features ■

- ◆ 2.5 inches high-definition LCD Display

V-5100 and UV-5100 equip with a 2.5 inches high-definition LCD display which clearly shows standard curves and test results.

- ◆ Imported Tungsten Lamp and Deuterium Lamp

The imported tungsten lamp and deuterium lamp reduce most stray light which ensures high photometric accuracy. The ultra-long service life and stable working status make V-5100/UV-5100 perform perfectly.

- ◆ Standard Curve, Quick Establishing

It's easy and quick to establish various standard curve according to different samples and find the concentration of unknown samples.

- ◆ Easy Data Output, USB/Parallel Port

The USB port is used for PC connection to realize spectrum scanning, kinetics, multi-wavelength, etc. The Parallel port is used for micro printer connection to print data and standard curve directly. PC software and micro printer are optional.

- ◆ Multiple Results Readout, Large Storage Capacity

V-5100/UV-5100 could display wavelength, absorbance and transmittance with 5 lines of results per page. The large storage capacity could save up to 200 groups of test results.

- ◆ Automatic Wavelength Setting

The wavelength could be set automatically through arrow keys to avoid misoperation.

Technical Specification ■

Model	V-5100/UV-5100	Photometric Range	-0.3-3A, 0-200%T, 0-9999C
Optical System	Single beam, Grating 1200 lines/mm	Photometric Mode	T, A, C, F
Wavelength Range	325-1000nm/190-1000nm	Stray Light	≤0.1%T
Spectral Bandwidth	2nm	Stability	± 0.002A/h @ 500nm
Wavelength Accuracy	±2nm	Display	128*64 Dots LCD
Wavelength Repeatability	0.5nm	Detector	Silicon Photodiode
Wavelength Setting	Auto	Output	USB Port & Parallel Port
Wavelength Resolution	0.1nm	Light Source	Tungsten Lamp/Tungsten Lamp&D2 Lamp
Photometric Accuracy	±0.5%T	Power Requirements	AC 85~250V
Photometric Repeatability	≤0.2%T	Dimension	420*280*180mm
Weight	10KG/11KG		

Standard Accessories ■

Item	Description	Quantity	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