



UV-5100B

Spectrophotometer



UV-5100B is a practical UV Visible Spectrophotometer, it's upgraded from model UV-5100.

The special designed inner structure ensures high stability and makes it easy to replace spare parts.

Features

◆ Low Stray Light

UV-5100B is made of high-quality optical components which ensures very low stray light.

◆ Automatic Wavelength Setting

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

◆ Rigid Structure, High Stability and Durability

UV-5100B is with special rigid inner structure, all optical components are fixed on a special rigid baseboard which ensures high stability and reliability.

◆ Easy Data Output

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.

◆ Standard Curve, Quick Establishing

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

◆ Multiple Results Readout, Large Storage Capacity

Wavelength, absorbance and transmittance could be displayed with 5 lines of results per page. The large storage capacity could save up to 200 groups of test results.

Technical Specification

Model	UV-5100B	Photometric Range	-0.3-3A, 0-200%T, 0-9999C
Optical System	Single beam, Grating 1200 lines/mm	Stray Light	≤0.05%T@220,360nm
Wavelength Range	190-1000nm	Stability	± 0.001A/h @ 500nm
Bandwidth	2nm	Display	128*64 Dots LCD
Wavelength Accuracy	±1nm	Detector	Silicon Photodiode
Wavelength Repeatability	≤0.2nm	Output	USB Port & Parallel Port
Wavelength Setting	Auto	Light Source	Tungsten Lamp & Deuterium Lamp
Wavelength Resolution	0.1nm	Power Requirements	AC 85~250V
Photometric Accuracy	±0.5%T	Dimension	490*370*220mm
Photometric Repeatability	≤0.2%T	Weight	14KG/15KG

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	2	pcs
6	Dust Cover	1	pcs