

## UV-Visible Spectrophotometer

## UV-Vis-5100

### Features

- 2.5" high-definition LCD Display screen
- Hamamatsu Tungsten and Deuterium Lamp. Hamamatsu Tungsten and deuterium lamp ensures high photometric accuracy and reliability
- 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
- USB Data port & Printer Parallel Port
- Readout 5 lines result up to 200 test result
- Automatic Wavelength Setting

### Application

- Quality control
- General research
- Pharmaceuticals
- Biochemical and clinical laboratory applications.

### Description

UV-Vis-5100 single beam UV-Visible spectrophotometer with a spectral range of 190-1000nm.

Model	Description
UV-Vis-5100	Standard
UV-Vis-5100P	Low stray light ≤0.05T@220/360nm



## Technical Specification

Model	UV-Vis-5100
Optical System	Single beam (1200 lines/mm grating)
Wavelength Range	190-1000nm
Bandwidth	2nm
Wavelength Accuracy	±1nm
Wavelength Repeatability	0.5nm
Wavelength Setting	Auto
Wavelength Resolution	0.1nm
Photometric Accuracy	±0.5%T
Photometric Repeatability	≤0.2%T
Photometric Range	-0.3-3A, 0-200%T, 0-9999C
Photometric Mode	Transmittance, Absorbance, Concentration and Factor
Stray Light	≤0.1%T
Stability	≤0.002A/30min
Display	2.5" LCD display screen
Detector	Silicon Photodiode
Light Source	Tungsten Halogen Lamp
Data Output Port	USB
Printer Port	Parallel Port
Power Requirements	AC 85~250V
Dimension	420*280*180mm
Weight	10kg

## Standard Accessories

Item	Description	Quantity	Unit
1	Spectrophotometer	1	set
2	Glass cuvette 1cm	4	pcs
3	Power cord	1	pcs
4	User's Manual	1	pcs
5	Dust Cover	1	pcs