

## UV-Visible Spectrophotometer

## UV-Vis-5800

### Features

- Solid Aluminum Optical Breadboard
- Automatic Wavelength Setting
- User-friendly Numerical Keyboard design
- USB & Parallel Port
- Hamamatsu Tungsten & Deuterium Lamp
- Self-build Standard Curve. A calibration standard curve is used to determine the concentration of an unknown sample
- GMP / GLP Laboratory Compliance
- Optional 8-cell Holder, Micro cuvettes, Thermostatic sampling, reflectance accessories

### Description

UV-Vis-5800 Double beam UV-Visible spectrophotometer with a spectral range of 190-1000nm.

Model	Description
UV-Vis-5800	Photometric Accuracy 0.3%T
UV-Vis-5800P	Photometric Accuracy 0.2%T

### Application

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



## Technical Specification

Model	UV-Vis-5800
Wavelength Range	190-1100nm
Optical System	Double beam
Bandwidth	2nm
Wavelength Accuracy	±0.5nm
Wavelength Repeatability	≤0.2nm
Wavelength Setting	Auto
Photometric Accuracy	±0.3%T / ±0.2%T
Photometric Repeatability	≤0.1%T
Photometric Range	-0.3-3A, 0-200%T, 0-9999C
Stability	≤0.001A/30min
Stray Light	≤0.05%T@220nm, 360nm
Output	USB port & Parallel Port
Display	large LCD screen
Light Source	Tungsten Halogen Lamp
Detector	Silicon Photodiode
Power Requirements	AC 220V/50Hz or AC 110V/60Hz
Dimension	460*360*225mm
Weight	16/18kg

## 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