

## Double Beam UV/VIS Spectrophotometer

### UV-Vis-9000

#### Features

- Dual Beam Light Path Designed for low stray light and high stability
- Long Optical path of 520mm reach bandwidth up to 0.5nm
- Multiples functions on spectrophotometer, wavelength scanning, standard curve, kinetics, multiple wavelength scanning, DNA/Protein
- Solid Aluminum optical breadboard 16mm thick ensure stability and reliability
- Auto calibration function, Auto calibrate baseline, wavelength, dark current to standard curve
- 6" large LCD display screen
- USB & Parallel Port
- Hamamatsu Tungsten & Deuterium Lamp
- GMP / GLP Laboratory Compliance
- Optional 8-cell Holder, Micro cuvettes, Thermostatic sampling, reflectance accessories

#### Description

UV-Vis-9000 series are wide 6 "screen double beam spectrophotometer with dual beam long light path reach up to 0.5nm, result in high stability and accuracy.

#### Application

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



## Technical Specification

Model	UV-9000		
Optical System	Double Beam (1200 Lines/mm Grating)		
Wavelength Range	190-1100nm		
Bandwidth	1.8nm	1.0nm	0.5, 1.0, 2.0, 4.0nm
Wavelength Accuracy	±0.1nm (D2 656.1nm), ±0.3nm @all		
Wavelength Repeatability	0.2nm		
Photometric Accuracy	±0.2%T(0-100%T)		
Photometric Repeatability	≤0.1%T(0-100%T)		
Photometric Range	-0.3-3A, 0-200%T, 0-9999C		
Stability	≤0.0005A/h@250nm, 500nm		
Baseline Flatness	± 0.001A/h		
Stray Light	≤0.03%T @ 220nm, 360nm		
Output	USB port & Parallel Port		
Display	320*240 Dots LCD		
Lamps	Tungsten Lamp & Deuterium Lamp		
Detector	Silicon Photodiode		
Power Requirements	AC 220V/50Hz or AC 110V/60Hz		
Dimension	625*430*206mm		
Weight	32/32/34kg		

## 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	1 cm quartz cuvette	2	pcs
6	Dust Cover	1	pcs