



## UV-9000 series

### Double Beam UV Visible Spectrophotometer



#### Features

- Dual Beam Light Path

Less circuit fluctuation and stray light, higher stability.

- Powerful Stand-alone Operation System

Spectrum scanning, Standard curve, Kinetics, Multi wavelength, DNA/Protein test can be operated directly on device without PC software.

- Unique Long Light Path Design

520mm long light path greatly improved the wavelength resolution.

- Rigid Structure, 16mm-thick Optical Base

All optical components are fixed on a 16mm thick rigid die-cast aluminum board to promise higher stability and reliability.

- One-button Automatic Calibration System

One button auto calibration for baseline, wavelength and dark current to keep device in a good condition.

- 6 inches High-Definition Large LCD Display

Large LCD display, all data and graphs can be shown directly and clearly.

- Easy Data Output by USB/Parallel Port

USB Port: Connect to computer and operate through PC software. ( PC software is standard.)

Parallel Port: Connect to Micro Thermo printer to print test data. ( Micro Printer is optional.)

- Powerful Software Functions

Spectrum scanning, Standard curves, Kinetics, Multi wavelength scanning, DNA/Protein test can be operated directly on computer.

#### Technical Specification

Model	UV-9000	UV-9000A	UV-9000S		
Optical System	Double Beam (1200 Lines/mm Grating)			Photometric Range	-0.3-3A, 0-200%T, 0-9999C
Wavelength Range	190-1100nm			Stability	≤0.0005A/h at 250nm, 500nm
Bandwidth	1.8nm	1nm	0.5/1/2/4 nm	Stray Light	≤0.03%T at 220nm, 360nm
Wavelength Accuracy	±0.1nm at D2 656.1nm, ±0.3nm at all range			Output	USB port & Parallel Port
Wavelength Repeatability	0.1nm			Display	320*240 Dots LCD
Photometric Accuracy	±0.2%T (0-100%T)			Light Source	W Lamp & D2 Lamp
Photometric Repeatability	≤0.1%T (0-100%T)			Power Requirements	AC110/220V, 50/60Hz

#### Standard Accessories

Item	Description	Quantity	Unit
1	Spectrophotometer	1	unit
2	PC software	1	set
3	1cm Glass cuvette	4	pcs
4	1cm Quartz cuvette	2	pcs
5	Power cord	1	pcs
6	User's manual	1	pcs
7	Dust cover	1	pcs