



**UV-1900**  
Double Beam UV/VIS Spectrophotometer

### Feature

- UV-1900 double-beam optical system, successfully achieved the perfect combination of high accuracy and reliability measurement to meet the requirements of various applications that can be used in biological research, bio-industry, pharmaceutical analysis, pharmaceutical, teaching and research, environmental protection, food hygiene, clinical testing, health and epidemic prevention, and other fields
- Wide wavelength range, to meet the various requirements of the field
- 6 spectral bandwidths (4.0nm, 2.0nm, 1.0nm, 0.5nm, 0.2nm, 0.1nm) it can be installed to meet the stringent requirements of pharmacopoeia for all countries and different users  
Improved optimization of the optical design, import source and receiver system created a high performance and high reliability
- Rich measurement methods, with a wavelength scan, time scan, multi-wavelength determination, multi-order derivative determination (optional), dual-wavelength, three-wavelength (optional) DNA protein measurements (optional), and other measurement methods to meet different measurement requirements, and can be displayed directly on a 6-inch screen
- Based on user requirements optional hole rack, manual four with stand, manual Eighth rack, automatic Eighth frame, glass stand, test tube rack, 1cm colorimetric frame, 5cm colorimetric frame, 10cm colorimetric racks

### Technical Specifications

#### Double beam

Wavelength Range	190~900nm
Band Width	0.1nm/0.2nm/0.5nm 1.0nm/2.0nm/4.0nm
Wavelength Accuracy	±0.3nm
Wavelength Repeatability	±0.1nm
Photometric Accuracy	±0.3% τ (0-100%τ) ±0.002A(0~0.5A) ±0.003A(0.5A~1A)
Photometric Repeatability	±0.1% τ (0-100%τ) ±0.001A(0~0.5A) ±0.0015A(0.5A~1A)
Stray Light	≤0.008% τ (220nm NaI, 340nm NaNO <sub>2</sub> )
Stability	0.0005A/h@500nm

Noise	± 0.0002A @500nm
Baseline Flatness	± 0.001A
Photometric Mode	T,A,C,E
Wavelength Setting	Automatic
Photometric Display Range	-4~4A
Display Mode	6 inches high light blue LCD
Detector	Photomultiplier tube
Light Source	Import Deuterium Lamp Import Tungsten Lamp
Power Requirement	AC 220V/50Hz, 110V/60Hz
Power	120W
Dimensions(L*W*H)	560×450×230mm
Weight	28Kg

### Standard Configuration

- Spectrophotometer main unit 1 set
- 1cm quartz cuvette 2 pcs
- 1cm glass cuvette 4 pcs
- Dust cover 1 pcs
- Power line 1 pcs
- Instruction manual 1 pcs

