

1900 series Double Beam Spectrophotometer



1. Large 320*240 dots highlighted LCD.
2. Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc
3. The real double beam metering system, with advanced circuit measurement and control system, make the instrument high reliability and low noise.
4. The USB port can be used for data transfer and storage.
5. Socket type deuterium lamp and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
6. Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
7. Extensive accessories are optional, such as auto 8-cell holder, film holder, tube rack, peltier/sipper system, 21 CFR compliant software, etc.

Model	UV1900	UV1901	UV1901S
Optical System	Double Beam, Grating 1200 lines/mm		
Wavelength Range	190 nm - 1100nm		
Spectral Bandwidth	2nm	1 nm	0.5/1/2/4/5 nm
Wavelength Accuracy	±0.1nm@656.1nm, ±0.3nm@all		
Wavelength Repeatability	0.1nm		
Photometric Accuracy	±0.3%T(0~100%T)		
Photometric Repeatability	0.1%T(0~100%T)		
Photometric Range	0-200%T; -0.3~3A, 0-9999C		
Stray light	0.05%T@220nm, 360nm		
Stability	±0.0003A/h@500nm		
Baseline Flatness	±0.0002 A	±0.001 A	
Noise	0.0005A@500nm		
Work Mode	T,A,C,E		
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)		
Wavelength Setting	Auto		
Display	320*240 LCD		
Light Source	Imported Deuterium & Tungsten lamp		
Detector	Imported Silicon Photodiode		
Cuvette Holder	10mm single hole cell holder		
Output	USB port & Parallel port (Printer)		
Power	AC 220V/50Hz or AC 110V/60Hz		
Dimension	590 x 475 x 250mm		
Net Weight	20kg		
Shipping Size	810*660*390mm		880*690*520mm
Gross Weight	27kg		45kg
Standard Accessories	10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User manual, PC software		