1900 series Double Beam Spectrophotometer

- Large 320*240 dots highlighted LCD.
- Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc
- The real double beam metering system, with advanced circuit measurement and control system, make the instrument high reliability and low noise.
- The USB port can be used for data transfer and storage.
- Socket type deuterium and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- 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	1nm	0.5/1/2/4/5
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 @500 nm		
Baseline Flatness	±0.0002A	±0.001A	
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		
Shipping Size	810*660*390mm		880*690*520mm
Gross Weight	27kg		45kg
Standard Accessaries	10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual , PC software		

UVISON Technologies