



## FUV-1600/FUV-1800 SPECTROPHOTOMETER

### Feature



LCD display.  
 Long life and Environmental Deuterium lamp and tungsten lamp.  
 USB output.  
 Connect printer for printing.  
 High performance grating with High - precision optical system design.  
 Pre-aligned design ensures the user can change lamps conveniently.  
 With GLP self-check function.  
 With SiO<sub>2</sub> coating optical mirror, reducing the pollution from outside fully.

### Parameters

Model	FUV-1800 FUV- 1800PC	FUV-1600 FUV-1600PC	FV-1800 FV-1800PC	FV-1600 FV- 1600PC
Optical System	Single Beam, Grating 1200 lines/mm			
Wavelength Range	190-1100nm		320-1100nm	
Spectral Bandwidth	2nm	4nm	2nm	4nm
Wavelength Accuracy	±0.5nm			
Wavelength Repeatability	≤0.2nm			
Photometric Accuracy	±0.002A (0-0.5Abs), ±0.004A(0.5-1.0Abs), ±0.5% T (0-100% T)			
Photometric Repeatability	0.001Abs (0-0.5Abs), 0.002Abs (0.5-1.0Abs), ≤0.2% T (0-100% T)			
Stray Light	≤0.04% T @ 360nm; 220nm		≤0.04% T @ 360nm	
Stability	±0.001A/h @ 500nm			
Baseline Flatness	±0.002A			
Noise	±0.0005A			
Display	480 * 272 65 thousand true color TFT LCD			
Photometric Mode	T,A,C,E			
Photometric Range	0- -200% T,-0.301-3.0A			
Detector	Silicon Photodiode			
Light Source	Deuterium Lamp, Tungsten Lamp			
Input	Membrane Keypad			
Output	USB- A*2 Print and data output USB- B Connect PC			
Compartment Optional	8 Auto Cell holder, Solid Sample Holder, Micro Cell Holder, 100mm Cell Holder			