



FUV-1000/FUV-1200 SPECTROPHOTOMETER

Feature



- LCD display.
- Long life and Environmental Deuterium lamp and tungsten lamp.
- High performance grating with High-precision optical system design.
- Pre-aligned design ensures the user can change lamps conveniently.
- Wavelength calibration automatically.
- With SiO₂ coating optical mirror.
- Connect the computer to control the operation of the instrument.

Parameters

Model	FUV-1000	FV-1000	FUV-1200	FV-1200
Optical System	Single Beam, Grating 1200 lines/mm			
Wavelength Range	200-1100nm	325-1100nm	195-1100nm	320-1100nm
Spectral Bandwidth	4.0nm or 2.0nm			
Wavelength Accuracy	±1.8nm		±1.0nm	
Wavelength Repeatability	≤0.5nm			
Photometric Accuracy	±0.002A (0-0.5Abs), ±0.004A(0.5-1.0Abs), ±0.5% T (0-100% T)			
Photometric Repeatability	0.001 Abs (0-0.5Abs), 0.002Abs(0.5- -1.0Abs),≤0.2% T (0-100% T)			
Stray Light	≤0.2%T@360nm;220nm(UV)			
Stability	±0.002A/h @ 500nm			
Noise	±0.001A			
Display	128*64 Dots 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	Parallel Print ,USB -B			
Compartment	Solid Sample Holder, Micro Cell Holder, 10-100mm Cell Holder			