FUV/FV-1000

FUV/FV1200 UV/Vis Spectrophotometer

Feature



- LCD display and support U disk data saving. (USB output).
- 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 Si02 coating optical mirror.
- Connect the computer to control the operation of the instrument.

Basic Functions

1, Photometry (Basic)

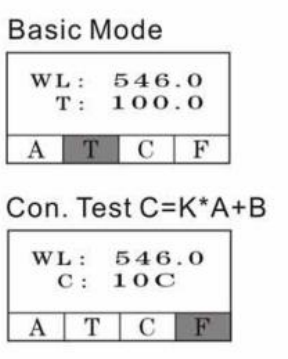
Test Abs., Transmittance by fixed wavelength

2, Quantitative (Qty)

a. C Mode: Establish C=K"A curve, test sample concentration

b. F Mode: Establish A=K1 C+KO, test sample concentration

c. Display and save curve, test data (FV-1200).



Technical Parameters

Model	FUV-1000	FV-1000	FUV-1200	FV-1200
Optical System	Single Beam,Grating 1200 lines/mm			
Wavelength Range	200-1100nm	325-1100nm	200-1100nm	320-1100nm
Spectral Bandwidth	4nm (2nm Optional Type)			
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	0.001Abs(0-0.5Abs),0.002Abs(0.5-1.0Abs),≤0.2% T (0-100% T)			
Stray Light	≤0.02% T @ 360nm;220nm(220nm for UV only)			
Stability	±0.002A/h @ 500nm(UV)			
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	UBS-A , USB-B			
Compartment	Optional Solid sample holder,Micro cell holder,10-100mm cell holder			