

Fluorescence Spectrophotometer



- Simultaneous obtained of all spectra
- Polychromator base scanning
- Real Time Monitoring of spectra
- Integration time controlling using software
- Mathematical processing (Averaging, Sum, Smooth ...)

اسپکتروفتومتر فلورسانس با آشکار ساز آرایه ای

Model: Spec-FL-Arn-2

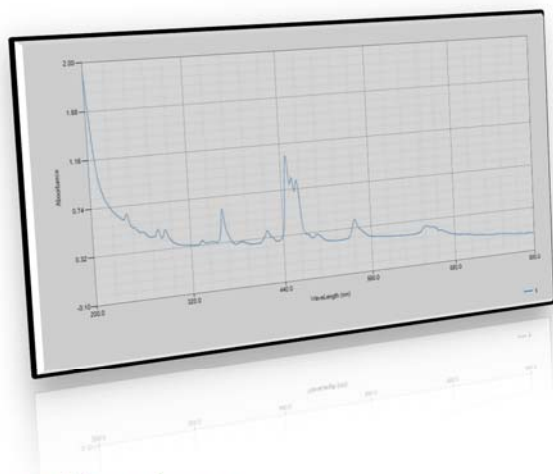
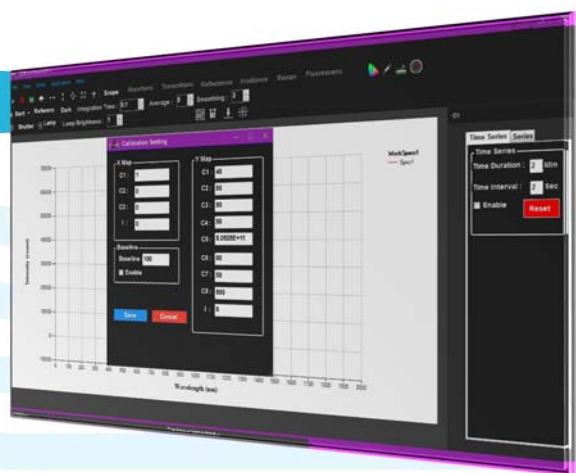
Fluorescence Spectrophotometer

Spec-FL-Arn-2

Specifications:

Optical Specifications

Wavelength Range	Excite	300-600 nm
Wavelength Range	Emission	310-900 nm
Resolution		< +5 , 10 nm
Scan Time		2-1000 ms
Typical Scan Time		0.1 s
Stray Light		< 0.02 %
Wavelength Accuracy		< ± 0.1 nm
Photometric Stability		< 0.005 A/min at 0 A , 500 nm
Photometric Noise		< 0.005 A 80 scan at 0 A , 500 nm
Wavelength Reproducibility		< ± 0.02 nm for 10 scans (NIST 2034)
Photometric Accuracy		< ± 0.01 A at 440.0 465.0 590.0 635.0 nm (NIST 930e)
Baseline Flatness		< 0.01 A 0.5 second blank, 0.5 second scan at 0 A , 500 nm
Light Source		Deuterium + Halogen/Tungsten Lamp
Detector		2000 Multichannel



Physical Specifications

Communication	USB2
Windows	7 , 8 , 10
Software	Spectroscopy Station
Weight	10 Kg
HxWxD	13x33x50 cm
Power	220V AC 50/60 Hz

Applications:

