

Spectrofluorometer



Brand : JASCO
Model : FP-6200
Custodian : Sirichai Kositarat

Description and Specification:

Light source:	Xe lamp with shielded lamp house, 150-watt
Detector:	Silicon photodiode for excitation monochromator Photomultiplier for emission monochromator
Photometric system:	Photometric ratio system using monochromatic light to monitor the intensity output of Xe source
Monochromators:	Holographic grating with 1200 grooves/mm modified Rowland mount
Mode of measurement :	Intensity, Time scan, Quantitative, Spectrum, peak search for unknown
Spectral bandwidth:	5, 10, 20 nm on both excitation and emission monochromators
Wavelength scan speed:	60, 125, 250, 500, 1000, 4000, 8000 nm/min for both excitation and emission monochromators
Wavelength accuracy :	+ 1.5 nm
Slew speed:	30,000 nm/min
Gain:	High, Medium, Low (approx. x100, x10, x1)
Sample compartment:	Single cell holder
Photometric stability:	+/- 1%/hr
Sample chamber :	Thermostatic water circulating sample cell holder (-10-60 °C)