

Specifications	
Light Source	150W CW Ozone-free Xenon Arc Lamp
Monochromators	1200 g/mm
Excitation Spectral Coverage	230 nm – 1000 nm
Emission Spectral Coverage	200 nm – 870 nm
Bandpass	0 – 30 nm
Wavelength Accuracy	+/- 0.5nm
Scan speed	100 nm/s
Integration Time	From 1 ms
Emission Detector	Single Photon Counting, PMT-900 (200 nm – 900 nm)
Absorbance Detector	UV enhanced Silicon Photodiode (200 nm – 1000 nm)
Absorbance Range	0 – 2 A
Signal to Noise Ratio	> 10,000 : 1
Detection Modes	Excitation scan, Emission scan, Transmission scan (Absorbance)