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Fluorescence Spectrophotometer

BL-4100



Feature

- ★ Two mode could be chosen: fluorescence intensity and luminous intensity. Fluorescence scanning, kinetic determination and quantity analysis could be done under fluorescence intensity mode.
- ★ 365nm exciting wavelength Raman peak of water in 1 cm quartz fluorescence cuvette S/N \geq 150 High performance sensitivity simplifies the measurement of low detective sample.
- ★ High stable and long life 150W xenon lamp and power source ensure high stable testing and wide range of spectrum.
- ★ The normalized feature for fluorescence value could make different fluorescence's result comparable.
- ★ Optional accessories for different measurement, including single hole cell holder, fluorescence sample



Specifications

★ Light source	Hamamatsu 150W Xenon lamp
★ Exciting optical filters	Interference optical filter
★ Emission monochromator	C-T diffraction grating
★ Emission wavelength	200~900nm
★ Emission bandwidth	10nm
★ Sensitivity	S/N \geq 150(P-P)
★ Linear	\geq 0.995
★ Stability	better than 1.5%/10min
★ Power	220V \pm 22V 50Hz \pm 1Hz
★ Response time	(0.1-4)s 6 stages adjustable
★ Fluorescence display value	0.00-600.00
★ Data transmission	USB2.0