



SCANNING FLUORESCENCE SPECTROPHOTOMETER BKG-1401

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Provides wavelength scanning, time scanning(kinetics analysis) and quantity analysis functions.

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.

17 stages gain adjustment could be chosen for emission spectrum scanning, including high speed low S/N scanning and precise scanning.

Support stand-alone mode and PC mode. Under stand-alone mode, the instrument's computer system offers the fluorescence intensity measurement, concentration direct reading, auto 0 adjustment, auto background subtraction, etc. Under PC mode, we could use quality and quantity software to control data acquisition and analysis through the USB2.0 interface.

SPECIFICATIONS

Model	BKG-1401
Wavelength Range	200-900nm
Spectral Bandwidth	10nm
Wavelength Accuracy	
Light source	Hamamatsu 150W Xenon lamp
Exciting optical filters	365nm 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	0.00-9999.00
Data transmission	USB2.0
Alt Name	Fluorescence Spectrophotometer

FEATURES

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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.

Provide optional PC qualitative and quantitative software packages with expansible time scanning, wavelength scanning, graphic calculation and storage-access abilities

Optional accessories for different measurements, including single hole cell holder, fluorescence sample holder for different features, membrane sample accessories, powder sample accessories, jacket sample accessories, etc.



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