

SPECTROFLUOROMETER

3300



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Hardware Specification

Light source		Xe lamp with shielded lamp housing, 150 W
Photometric system		Photometric ratio system: utilizing monochromatic light to monitor Xe lamp intensity output
Automatic cut filter for high order diffraction		Standard
Sensitivity*1 (RMS)	Peak*2	680 : 1
	Base*3	2800 : 1
Wavelength range	Ex:	Zero order, 200 - 750 nm
	Em:	
Wavelength range (with optional detector assembly)	Ex:	Zero order, 200 - 900 nm
	Em:	
Band width	Ex:	1, 2.5, 5, 10, 20 nm
	Em:	
Wavelength scan speed	Ex:	20, 50, 100, 200, 500, 1000, 2000, 5000, 10,000, 20,000 nm/min
	Em:	
Resolution	Ex:	1.0 nm (at 546.1 nm)
	Em:	
Wavelength accuracy	Ex:	±1.5 nm
	Em:	
Sensitivity selection		High, Medium, Low, Very Low, Manual, Auto-SCS
Auto-Gain		Standard
Start button		Standard
IQ Accessory Identification		Standard
Dimensions		520(W) × 545(D) × 270(H) mm
Weight		36 kg (79 lbs)

- Minimum Signal-to-noise ratio of Raman band of water, excitation 350 nm, band width Ex 5 nm Em 5 nm (FP-8600: Ex 5 nm Em 10 nm), response 2 seconds
- Noise is measured on the Raman peak
- Noise is measured on the baseline

►► Software Specification

Data Station Type		Spectra Manager ver. 2.0 / Spectra Manager CFR (Microsoft Windows® 7 Professional)
iRM Type		Intelligent Remote Module iRM-900
Measurement Programs	Spectra Manager Ver. 2.0	Spectra measurement, Quantitative measurement, Fixed wavelength measurement, Time course measurement, 3D Spectra measurement, Abs measurement, Phosphorescence measurement
	Spectra Manager CFR *4	
	iRM-900 *5	Spectra measurement, Quantitative measurement, Fixed wavelength measurement, Time course measurement, 3D Spectra measurement, Abs measurement
Spectra Correction Program		Standard
Instrument Validation		Program and Hg lamp (Standard), Accessories (option)
Self Diagnosis		Standard
IQ Accessory Recognition And IQ Start		Standard

- Spectra Manager CFR is the 21 CFR Part 11 compliant software package.
- The iRM-900 uses a compatible PictBridge printer. Please contact your local distributor for compatible printers.
- Optional components are necessary.

▶▶ Regulatory compliances



▶▶ Corporate Social Responsibility

Analytical Foundation is a Nonprofit Organization (NGO) found for the purpose of:



Analytical Foundation

1. Research & Innovation Scientist's awards / QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

▶▶ Reach us @



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