

Fluorimeter

Fluorimeters, 6200 series

JENWAY

- ◆ Choice of model
 - 6270 Low cost instrument for less sensitive applications using a broader wavelength range
 - 6280 For the most sensitive determinations with emission wavelengths up to 650nm
 - 6285 With red-enhanced detector for applications where higher emission wavelengths will be experienced
- ◆ Press-to-read operation and Total Energy Transfer (TET) system for maximum sensitivity
- ◆ Calibration against six standards possible
- ◆ Kinetic (time reading) functions available
- ◆ Create and Save secure methods
- ◆ Intelligent Filter Modules (IFM) ensure correct filters are fitted
- ◆ Raw Fluorescence and concentration values can be displayed
- ◆ Electrically heated sample holder and sipper pump accessories available
- ◆ GLP features include method lock with password access, Calibration interval, date, reminder, dated results and user ID

Model	6270	6280	6285
Wavelength range nm	190 to 1100	190 to 650	190 to 850
Light Source	Pulsed xenon with press-to read operation — all models		
Detector	Photodiode	Photomultiplier	Photomultiplier
Sensitivity* per ml	1µg	<1ng	<1ng
Dynamic range*	5.2 x 10 ⁴	5.2 x 10 ⁶	5.2 x 10 ⁶
Calibration	Blank and up to 6 standards — all models		
Memories methods	20	20	20
results per method	100	100	100
Outputs	RS232 — all models		
Sample holder	10mm square cell holder — all models		
Power	Universal voltage a.c. adapter for 90-230V 50/60Hz or 12V d.c. input		
Overall, W x D x H mm	365 x 272 x 160 — all models		
Weight kg	6 — all models		

*Using Quinine sulphate.

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As described. Supplied with 10mm cell holder, pack of 100 disposable plastic cuvettes 10 x 10mm, instructions and a.c. adapter for 90-230V 50/60Hz supplies with UK, Euro and USA mains cables. Requires, but does not include, two filters selected from accessories listed.

- FR700-15 Model 6270
- FR700-20 Model 6280
- FR700-35 Model 6285

Accessories

Filters

	Ref.	Wavelength, nm
Bandpass		
FR706-11	UG1	320-380
FR706-14	BG28	380-500
FR706-17	VG9	480-580
Cut-off		
FR706-25	KO*29	610
FR706-28	IL*201	545
FR706-31	KO*8	474
FR706-34	KO*2B	395
FR706-37	Glass	305
Interference		
FR706-44	—	254
FR706-47	—	340
FR706-48	—	365
FR706-50	—	380
FR706-53	—	400
FR706-54	—	450
FR706-56	—	470
FR706-59	—	515

*KO: Kodak, IL: Ilford.

Cells

10mm x 10mm glass and supplied singly except where stated.

	Type	Range
CA600-20	Micro silica	UV
CA606-10	Semi-micro	UV
CA606-20	Semi-micro silica	UV
FR708-12	Macro	Vis
FR708-18	Macro	UV
FR708-25	Plastic cuvettes, 10mm. Capacity 3ml, pack of 100	
FR708-35	Flowcell	

FR708-42 Rigid carrying case for FR700-series

Sipper pump with inlet/outlet tubing, instructions and UK plug for use with 230V 50Hz a.c.

FR708-60

Heated cell system range ambient +2°C to +60°C, with holder, controller and connection leads for 90-230V 50/60Hz a.c.

FR708-67

DataWay data acquisition software for downloading data from instruments onto the user's PC.

CU656-54



FR700-20 in use with FR708-60 and FR708-67, FR700-15 and -35 are similar