

FIAflex™

Fluorescence Immunoassay System



8 channels

iFIA-800

8-channel analyzer

- **Semi-automatic** – auto-recognition of reagents, minimal manual steps
- **High throughput** – 8 channels per run, up to 180 tests/hour, continuous testing of different items
- **Reliable accuracy** – stringent quality control
- **Android system** – user-friendly interface, smooth operation
- **Instant results** in 5-15 min, two testing modes
- **Room-temperature** shipping & storage of reagents (2-30 °C)



FIAflex Analyzer

Compact, portable analyzer

- **TR-FIA technology** based on europium fluorescent particles
- **7" color touch screen**, user-friendly interface
- **Small & light** – only 1.6 kg (3.5 lbs)
- **Internal thermal printer** and LIS/HIS connectivity
- **Results in 5-15 min**, room-temperature operation
- Reagents stored & transported at 2-30 °C; **no additional cleaning** required

Specifications

Feature	FIAflex Analyzer	iFIA-800
Technology	Immunofluorescent (TR-FIA)	Immunofluorescent
Throughput	—	Read-now mode: 180 T/H
Results / operators memory	2,000 tests / 100 operators	20,000 tests / 1,000 operators
Ports	RS232C (barcode reader or external printer), USB, LAN, WLAN	RS232C (barcode reader / printer), USB-B, USB-A, LAN, WLAN
Connectivity	Internal thermal printer (included); optional external printer; RS232C barcode reader; optional USB cable	External printer, barcode reader, data-receiving terminal (PC)
Communication	HL-7, POCT1-A2 or ACON protocol	—
Readable barcodes	Code 39, Codabar, Code 128, Code 93, UPCA/UPCE, EAN-8/13, Interleave 25, Matrix 25, Industrial 25, MSI, Plessey, Telepen, Pharmacode, RSS	1D or 2D barcodes
Operating conditions	0-40 °C (32-104 °F); 10-90 % RH (non-condensing); ≤ 2000 m; 80-106 kPa	Same as FIAflex Analyzer
Storage conditions	-20-55 °C (-4-131 °F); 10-90 % RH (non-condensing); ≤ 2000 m; 80-106 kPa	Same as FIAflex Analyzer
Power source	DC 12 V 5 A; adapter in 100-240 VAC, 50/60 Hz, 1.4-0.7 A; out 12 VDC, 5.0 A, 60 W max	100-240 VAC, 50/60 Hz, 4-2 A
Weight	1.6 kg (3.5 lbs)	About 8.5 kg (18.74 lbs)
Dimensions (L×W×H)	21.5 × 25.4 × 10.9 cm (8.5" × 10" × 4.3")	36.5 × 29.5 × 26.5 cm (14.4" × 11.6" × 10.4")
Display (L×W)	15.4 × 8.6 cm (6.1" × 3.4")	21.66 × 13.54 cm (8.53" × 5.33")

Ordering Information

Product name	Catalogue	Components	Package	Certification
FIAflex Fluorescent Immunoassay Analyzer (with barcode reader)	F111-10211-201	1 analyzer, 1 power cord, 1 quick start guide, 1 user manual, 2 printer paper rolls, 1 barcode reader	1 set/carton	CE, NMPA
FIAflex Fluorescent Immunoassay Analyzer (iFIA-800)	F113-10111-201	1 analyzer, 1 power cord, 1 barcode reader, 1 user manual, 2 printer paper rolls	1 set/carton	/
FIAflex Optical Check Cassette	F121-10111-201	5 optical check cassettes, 1 package insert	30 kits/carton	CE, NMPA
FIAflex Barcode Reader	F121-20111-201	1 barcode reader, 1 package insert	4 kits/carton	CE, NMPA
FIAflex Data Transfer Kit	F121-30111-201	1 data transfer cable, 1 package insert	8 kits/carton	CE, NMPA



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Category	Product	Catalogue	Specimen	Volume	Time	Working range	Cert.
Diabetes & Renal Function	HbA1c FIA Test	F131-30111	WB	10 µL	5 min	2 % - 14 %	CE, NGSP
	Microalbumin FIA Test	F131-30211 (w/o tubes) F131-30221 (with tubes)	Urine	10 µL	10 min	3 - 300 mg/L	CE
Thyroid Function	TSH FIA Test	F131-20111	S/P/WB	50 µL	15 min	0.1 - 100 µIU/mL	CE
	T3 FIA Test	F131-21211-202	S/P/WB	50 µL	15 min	0.5 - 12 nmol/L	CE
	T4 FIA Test	F131-20311	S/P/WB	20 µL	15 min	10 - 350 nmol/L	CE
	fT3 FIA Test	F131-20511-202	S/P/WB	50 µL	15 min	0.8 - 61 pmol/L	CE
	fT4 FIA Test	F131-20411-201	S/P/WB	30 µL	15 min	1 - 100 pmol/L	CE
Fertility	β-hCG FIA Test	F131-21011	S/P/WB	50 µL	15 min	2 - 50000 mIU/mL	CE
	AMH FIA Test	F131-21711-201	S/P/WB	S/P 20 · WB 40 µL	15 min	0.05 - 30 ng/mL	CE
	FSH FIA Test	F131-21211-201	S/P	40 µL	15 min	0.5 - 100 mIU/mL	CE
	LH FIA Test	F131-21111-201	S/P	40 µL	15 min	0.5 - 100 mIU/mL	CE
	PRL FIA Test	F131-21611-201	S/P	40 µL	15 min	6 - 4240 µIU/mL	CE
	Estradiol (E2) FIA Test	F131-21511-201	S/P	40 µL	15 min	10 - 3000 pg/mL	/
Cardiac Markers	cTnI FIA Test	F131-40111	S/P/WB	100 µL	10 min	0.1 - 50 ng/mL	CE
	CK-MB FIA Test	F131-40211	S/P/WB	100 µL	10 min	1 - 80 ng/mL	CE
	Myoglobin FIA Test	F131-40311	S/P/WB	35 µL	10 min	20 - 1000 ng/mL	CE
	NT-proBNP FIA Test	F131-40511	S/P/WB	100 µL	15 min	15 - 30000 pg/mL	CE
	cTnI/CK-MB/Myo FIA Test	F131-40611	S/P/WB	100 µL	12 min	cTnI 0.1-50; CK-MB 1-80; Myo 20-1000 ng/mL	CE
Coagulation	D-Dimer FIA Test	F131-40411	P/WB	35 µL	10 min	0.1 - 10 mg/L	CE
Inflammation	CRP FIA Test	F131-50111	S/P/WB	10 µL	5 min	0.5 - 200 mg/L	CE
	PCT FIA Test	F131-50211	S/P/WB	35 µL	15 min	0.1 - 100 ng/mL	CE
	IL-6 FIA Test	F131-50311	S/P/WB	100 µL	15 min	3 - 400 pg/mL	CE
	SAA FIA Test	F131-50411-201 (w/o device) F131-50421-201 (with device)	S/P/WB	10 µL	5 min	3 - 200 mg/L	CE
	CRP/SAA FIA Test	F131-50611-201 (w/o device) F131-50621-201 (with device)	S/P/WB	10 µL	5 min	CRP 0.5-200; SAA 3-200 mg/L	CE
Gastrointestinal Diseases	Gastrin-17 FIA Test	F131-60211-202	S/P	80 µL	15 min	0.5 - 40 pmol/L	CE
	H. pylori Ag FIA Test	F131-60511-201	Feces	Solid 30 mg · Liq. 100 µL	15 min	Qualitative	CE
	H. pylori IgG FIA Test	F131-60611-201	S/P	20 µL	15 min	Qualitative	CE
	PG-I/PG-II FIA Test	F131-60311-202	S/P	20 µL	15 min	PG-I 2.5-200; PG-II 1.4-100 ng/mL	CE
Allergen	T-IgE FIA Test	F131-90211-202	S/P	20 µL	15 min	5 - 1000 IU/mL	CE
	Seafood sIgE FIA Test	F131-90311-202	S/P	40 µL	15 min	Qualitative	CE
	Animal Protein sIgE FIA Test	F131-90411-202	S/P	40 µL	15 min	Qualitative	CE
	Fruit sIgE FIA Test	F131-90511-202	S/P	40 µL	15 min	Qualitative	CE
	Tree Pollens sIgE FIA Test	F131-90611-202	S/P	40 µL	15 min	Qualitative	CE
	Weed Pollens sIgE FIA Test	F131-90711-202	S/P	40 µL	15 min	Qualitative	CE
	Animal Dander sIgE FIA Test	F131-90811-202	S/P	40 µL	15 min	Qualitative	CE
	Indoor Allergen sIgE FIA Test	F131-90911-202	S/P	40 µL	15 min	Qualitative	CE
Vector Borne Diseases	Food Nuts sIgE FIA Test	F131-91011-202	S/P	40 µL	15 min	Qualitative	CE
Vector Borne Diseases	Dengue IgG/IgM FIA Test	F131-10511-201	S/P/WB	10 µL	15 min	Qualitative	CE
	Dengue NS1 Ag FIA Test	F131-10611-201	S/P/WB	25 µL	15 min	Qualitative	CE
Tumor Markers	PSA FIA Test	F131-70111-201	S/P/WB	S/P 20 · WB 30 µL	15 min	0.5 - 100 ng/mL	/
	fPSA FIA Test	F131-70211-201	S/P/WB	S/P 20 · WB 30 µL	15 min	0.05 - 50 ng/mL	/
Others	Vitamin D FIA Test	F131-90111-202	S/P/WB	S/P 20 · WB 30 µL	15 min	5 - 130 ng/mL	CE
	VB12 FIA Test	F131-32411-201	S/P	80 µL	23 min	100 - 2000 pg/mL	/
	Ferritin	F131-32211-201	S/P/WB	S/P 20 · WB 30 µL	15 min	1.5 - 1000 ng/mL	CE
Respiratory Diseases	SARS-CoV-2 Antigen FIA	F131-10111	Nasal/NP swab	/	15 min	Qualitative	CE
	Influenza A/B FIA	F131-10211	Nasal/NP/throat swab	/	15 min	Qualitative	CE
	SARS-CoV-2 & Influenza A/B Ag Combo FIA	F131-10311	Nasal/NP swab	/	15 min	Qualitative	CE

S = serum, P = plasma, WB = whole blood, NP = nasopharyngeal. "/" = not specified in the source sheet. All kits: 25 tests per kit.