



Fluorescence Immunoassay Analyzer

(Q8 Pro)



POCT

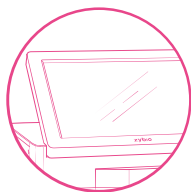


Fluorescence Immunoassay Analyzer (Q8 Pro)

Q8 Pro is a quantitative POCT analyzer based on dry immuno fluorescence technology that integrates operation, analysis, and result display. It can automatically complete a series of operations includes test card loading, item identification, incubation, detection, card discarding and results print within 10 minutes.

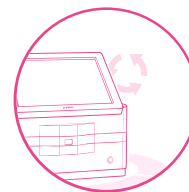


Features



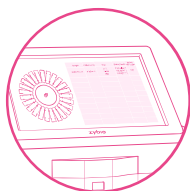
User-friendly

- 15-inch Colorful touch screen, intuitive software interface
- 25-channels, up to 25 different items in one time
- External solid waste container, easy to maintenance and environment friendly
- Online software update



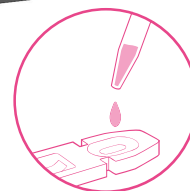
Intelligent

- Maintenance free
- Real-time monitoring
- Power-off protection, and ready to storage test result
- Temperature stable incubator



Accurate

- Automatically recognize item information
- Stable photoelectric signal
- Time resolution fluorescence immunoassay technology, higher sensitivity and wider detection range



Convenient

- Multi-sample types, includes serum, plasma, urine
- Time to result within 10 minutes
- Free calibration system
- Result transmission by LIS

Technical Advantages

Q8 Pro adopts time-resolved fluorescence immunoassay technology, labels antigen or antibody with rare earth element, and analyzes wavelength and time at the same time, effectively eliminates non-specific fluorescence interference and improves analysis sensitivity.



Figure 1: Fluorescence signal decay time comparison

Test Menu

Cardiac	cTnT
	cTnT/CK-MB/Myo
	NT-proBNP
Thrombus	D-Dimer
Inflammation	PCT
	CRP
	SAA
Bone	VD*
Thyroid	TSH*, T3*, T4*
Diabetes	HbA1c*

* In Development

Parameters

Principle	Fluorescence Immunochromatography
Channel	25
Test Time	10 min
Sample Type	Whole blood, capillary blood, serum, plasma
Incubation Temperature	37.0°C±1.5°C
Data Transmission	LIS
Operation System	Windows 10
Display	15-inch
Storage Capacity	100,000 tests
Software Update	By USB or internet
Power Supply	100-240V~, 50/60 Hz, 150 VA
Temperature	10~30°C
Relative Humidity	30%~85%
Air Pressure	70~106 KPa
Altitude	3000 m
Dimension	416mm × 395mm × 404mm
Weight	18 Kg



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