



FI-650S

Automatic Fluorescent Immunoassay Analyzer



High performance
and reliability



Built-in barcode
scanner



Fully automatic
operation



12.1-inch HD
touchscreen



LIS compatible



High-throughput:
80 tests/hour

Intended Use

The fluorescent immunochromatographic analysis technology is used in combination with fluorescent immunochromatographic reagents labeled with fluorescent microspheres produced by KEYU, for the in vitro quantitative detection of target analytes in human samples.

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Instrument Parameters

Testing speed:	80 tests/hour
Incubation positions:	20 slots
Code scanning:	Built-in barcode and QR code recognition module
Data transmission:	LIS compatible
Printer:	Built-in thermal printer
Dimensions (L×W×H):	555×610×585 mm
Weight:	40±3 kg
Fluorescence linearity:	Fecal Occult Blood: $r \geq 0.990$ (within 20-2000 ng/mL)
	Fecal Calprotectin: $r \geq 0.990$ (within 35-2100 µg/g)

Product Specifications and Performance

Test Item	Model	Specification	Working Range	Limit of Detection	Test Time
Fecal Occult Blood	FOB-F-II	25 tests/kit	20-2000 ng/mL	7 ng/mL	15 min
Fecal Calprotectin	FC-F-II	25 tests/kit	35-2100 µg/g	15 µg/g	15 min

Storage and Shelf Life

- Valid for 12 months if sealed and stored in a cool and dry place at 2-30°C. Keep away from direct sunlight.
- After the test cassette is taken out of the pouch, it should be used within 1 hour. If not, reseal it tightly in the pouch and use it within 3 days.

Quality Control Specifications

Test Item	Model	Specification	Remarks	Storage and Shelf Life
Hemoglobin Quality Control (Quantitative)	FOB-QC-4	60 bottles/box	For 60 times	Store at 2-8°C, with a shelf life of 12 months.
Calprotectin Quality Control (Quantitative)	FC-QC-4	20 bottles/box	For 60 times	

KEYU

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