

Specifications

Model:	FA-160
Methodology:	Immunofluorescence Assay
Throughput:	15-20 Samples
SampleType:	Whole Blood, Serum, Plasma
Storage:	10,000 Test Results
Connection:	USB, RS-232, LIS Compatible
Operation Condition:	Temperature 10~30 °C Humidity≤80%
Lithium Battery:	5200 mAh



Printer:
Thermal Printer(58mm)

User Interface:
5 " TFT True Color LCD Touch Screen

Input:
Barcode Scanner/RFID Card

Power Supply:
AC 100V-240V, 50/60Hz, ≤50VA

Weight: 2.7kg

6 Incubation Channels

Test Channel



Lifotronic FA-160

Immunofluorescence Analyzer



Lifotronic Technology Co., Ltd.



Address: 4th Floor, Building 15, 1008 Songbai Road, Nanshan District, Shenzhen, 518055, China

Tel: 86-755-29060026 Fax: 86-755-29060036 E-mail: Inter-sales@lifotronic.com



en.lifotronic.com



Product Features

Fluorescence Quantification

Lifotronic FA-160 is an immunofluorescence-based diagnostic system to measure cardiac diseases, infectious diseases and other major life-style related diseases through testing concentration of various analytes in blood samples.

Easy Operation

No sample pre-treatment required. Only one step to add sample, 6 incubation channels with auto timing reminder, get results in 16 minutes.

Precise & Reliable

Precision: $CV \leq 15\%$, Repeatability: $CV \leq 15\%$, Stability: $CV \leq 5\%$

Smart Input

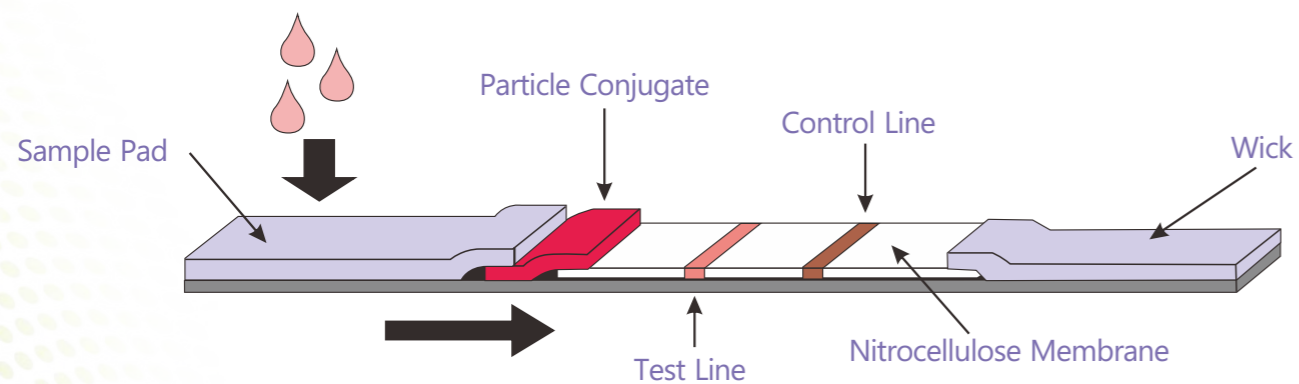
Automatically load lot and test strip information through the RFID card and the scanner.

Data Capacity

Stores a maximum of 10000 test results.

Advanced Technology & Methodology

Immunochromatography Assay

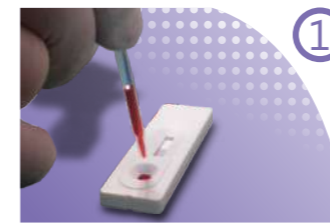


6 Incubation Channels

Lifotronic FA-160 has its own incubation channels

- Incubating 6 samples simultaneously
- Auto numbering to avoid mistakes
- Constant temperature incubating with auto timing reminder

Test Procedure



① Add blood sample to the test strip.



② Put the test strip into the incubation channel.



③ After incubation, put the test strip into the test channel.



④ Samples tested and results printed.

Test Item	Disease	Sample Type	Reaction Time	Measurement Range
SARS-CoV-2 IgM	Infectious Disease	Whole Blood, Serum, Plasma	15 Min	/
SARS-CoV-2 IgG		Whole Blood, Serum, Plasma	15 Min	/
D-Dimer	Thrombus	Whole Blood, Plasma	3 Min	0.1-10mg/L
HbA1c	Diabetes	Whole Blood	15 Min	4%-16%
NT-proBNP	Cardiac Markers: Myocardial Infarction, Heart Failure	Whole Blood, Serum, Plasma	15 Min	18-35000pg/mL
cTnI		Whole Blood, Serum, Plasma	15 Min	0.05-40ng/ml
MYO		Whole Blood, Serum, Plasma	15 Min	2-400ng/mL
CK-MB		Whole Blood, Serum, Plasma	15 Min	5-100ng/mL
H-FABP		Whole Blood, Serum, Plasma	15 Min	2-120ng/mL
Hs-CRP		Whole Blood, Serum, Plasma	3 Min	0.1-20mg/L
mAlb	Kidney Diseases	Urine	3 Min	5-250mg/L
Cys-C		Whole Blood, Serum, Plasma	15 Min	0.12-10mg/L
PCT	Inflammation	Whole Blood, Serum, Plasma	15 Min	0.1-100ng/mL
CRP		Whole Blood, Serum, Plasma	3 Min	0.5-240mg/L
HCG	Pregnancy Test	Whole Blood, Serum, Plasma	3 Min	5-20000mIU/mL
T3	Thyroid Function	Serum, Plasma	15 Min	0.5-9nmol/L
T4		Serum, Plasma	15 Min	10-300nmol/L
TSH		Serum, Plasma	15 Min	0.1-100mIU/L

2in1 Test Items	Disease	Sample Type	Reaction Time	Measurement Range
cTnI+CK-MB	Cardiac Markers: Myocardial Infarction, Heart Failure	Whole Blood, Serum, Plasma	15 Min	0.05-40ng/ml
				1-100ng/mL
Malaria: Plasmodium Falciparum+ Plasmodium Vivax	Malaria	Whole Blood, Serum, Plasma	10 Min	97.3%(Misdetction Rate) 92.5%(Misdetction Rate)