

FA-160

FLUORESCENCE RAPID CARD TEST WITH READER



PCT

COVID-19 IgG

D-dimer

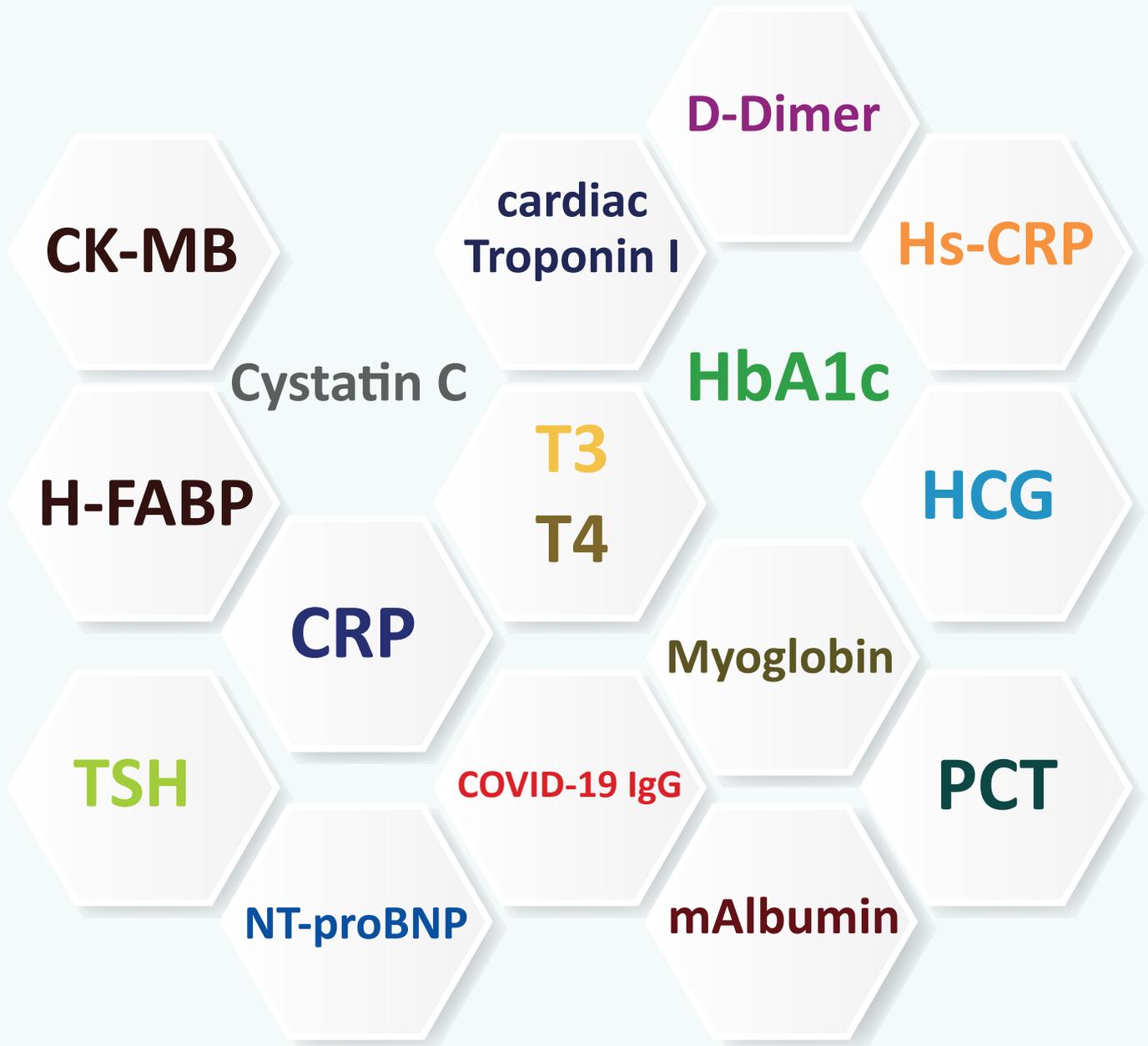
CRP

Troponin I

- Fast results within 15 minutes
- Fluorescent rapid card tests with quantitative results
- Onsite testing with whole blood samples
- Portable card reader with TRFIA technology

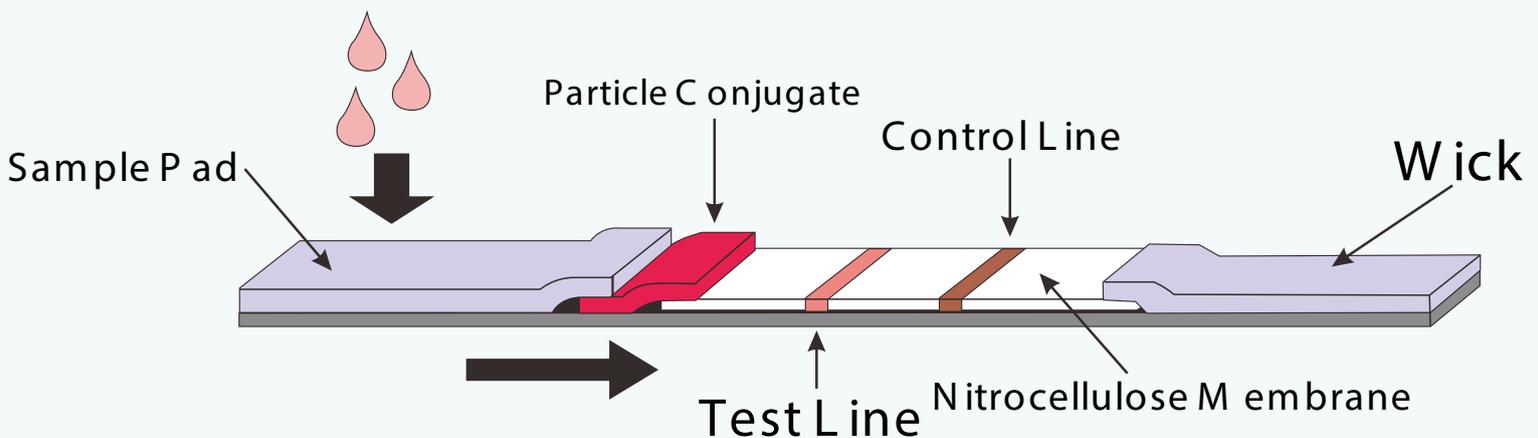
FA 160 MENU

COMPREHENSIVE MENU FOR COMPLETE
POCT DIAGNOSTIC NEEDS



Advanced Technology & Methodology

Immunochromatography Assay



Unique Features

Easy to use

No sample pre-treatment required. Only one step to add sample, 6 incubation channels with auto timing reminder, get results in 15 minutes.

Smart data input

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

Communication

LIS compatible

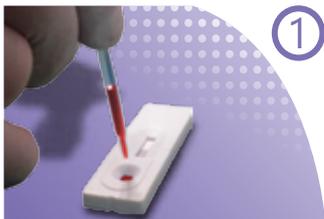
Data Storage Capacity

Stores a maximum of 10000 test results.

Pack Size

25 tests/
per pack

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 test channel



4 Sample tested and results printed

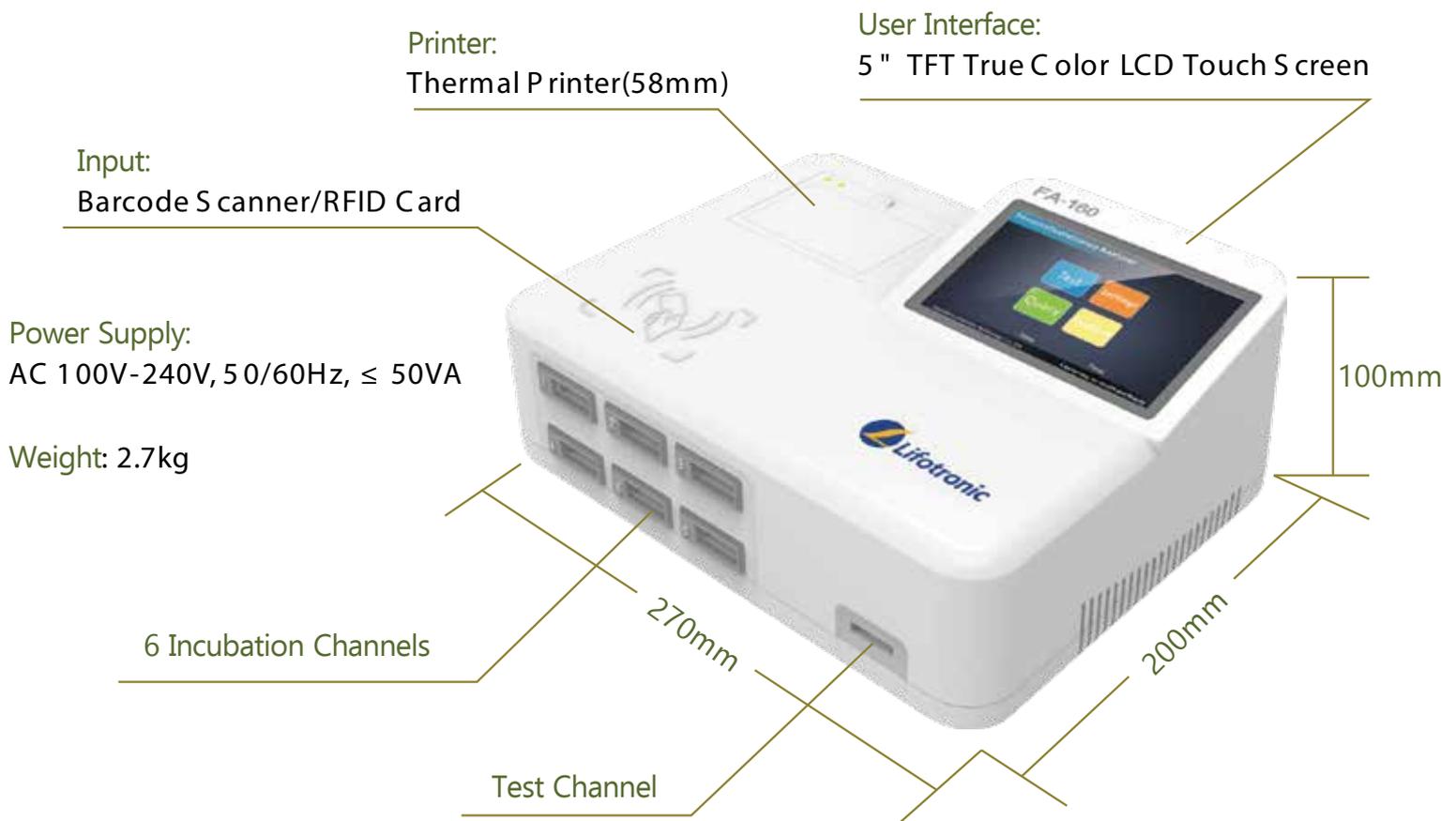
Superior technology for **ACCURATE RESULTS**

FA-160 is an immunoassay-based diagnostic system with TRFIA (Time resolve fluorescent Immunoassay) detector to measure cardiac diseases, infectious diseases and other major life-style related diseases through testing concentration of various analytes in blood samples. The instrument reads the fluorescent bands on the respective test cards offers diagnosis for COVID-19 antibody detection too on the same platform.

TRFIA based rapid card tests are similar to fluorometric assays but uses lanthanides labels offering many advantages.



- Higher sensitivity and stability due to low background noise
- Quantitative results for analytes with preset cut-off values.
- Result traceability with FIA (fluoroimmunoassay) card reader



SPECIFICATIONS

Model:

Methodology:

Throughput:

Sample Type:

Storage:

Connection:

Operation Condition:

Lithium Battery:

FA-160

Immuno fluorescence Assay

15-20 Samples

Whole Blood, Serum, Plasma

10,000 Test Results

USB, RS-232, LIS Compatible

Temperature 10~30 °C

Humidity ≤ 80%

5200 mAh

Promoting better diagnostic tools[®]

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