



Laboratory Equipment Manufacturer
www.mrclab.com



FACA-1120 Auto Chemistry Analyzer



Features

- Automatic, Random Access
- up to 100 tests per hour
- Reagent pre-heating, liquid level detection
- Labor saving, simple programming and real walk-away operation
- Reagent open system, close system on request
- Micro-volume for sample and reagent
- User-friendly software, simplicity and flexibility for operation
- Multi-language software available

Technical Specifications

● System Function

Automatic, Random Access

STAT sample priority, available for all sample position

Throughput: Constant throughput 60 tests/hour (double reagent); 90 tests/hour (single reagent)

Insert PC system with touch screen

Contents of the testing: Clinical chemistry, Immunoturbidimetric

Analytical modes: End-point, Two-point, Kinetic,

● System Tray

Sample position: 9 positions for samples

Sample volume: 3~ 45 μ L, 0.5 μ L adjustable

Flexible sample position design: MAX: 42 sample positions

● Reagent Tray

Reagent position: 26 positions for reagent

Reagent volume:

R1: 180~450 μ L, 1 μ L adjustable

R2: 3~450 μ L, 1 μ L adjustable

● Reaction System:

Reaction positions: 90 cuvettes, 10 cuvettes/strip

Cuvette: Optical length 5mm

Reaction volume: 180 ~ 500ul

Reaction temperature: 37°C, fluctuation $\pm 0.3^\circ\text{C}$

1 mixing probe

● Probe

Pro-heating for reagent

Collision protection, Liquid level detection and Inventory checking

Automatic inner and outer probe washing after every cycle, carry-over<0.1%

● Measuring and Optic System

Lamp: Halogen Lamp

Absorbance range: 0 ~ 3.500 ABS

Wavelengths: 8 wavelengths from 320 ~ 850 nm

Resolution: 0.0001 ABS

● Working Condition

Power supply: 100 ~ 240 VAc 50/60 Hz, 1500w

Temperature: 10 ~ 35°C

Humidity: 35 ~ 80%

Water consumption: <3 L/hour

Dimention: 630mm(L)*480mm(W)*510mm(H)

Net Weight: 70 KG

