

A MEDICAL ANALYZERS Fully-Automated Chemistry

FACA-1240, Fully Automated Chemistry, Discrete, Constant Throughput 240 Test/Hours, Random Access



System Function

Automatic, Random Access, STAT sampling priority, Barcode-Reading support (optional)

Features:

- Automatic, Random Access.
- Up to 240 tests per hour.
- Reagent pre-heating, liquid level detection.
- Automatic 10 steps washing system (optional), Low carry-over.
- Labor saving. Simple programming and real walk-away operation.
- 24 hours non-stop Reagent cooling compartment.
- Reagent open system, close system on request.
- Micro-volume for sample and reagent.
- User-friendly software based on Windows XP.

Model	FACA-1240
Throughput	Constant throughput around 240 tests/hour
Contents of the testing	Clinical chemistry, Immunoturbidimetric
Analytical modes	End-point, Two-point, Kinetic
Programming	Open system with user defined programs & calculation

Sample/Reagent Handling

Sample/Reagent tray	40 positions for samples and 40 positions for reagents in refrigerated compartment
Refrigerated temp.	4 ~ 15°C
Reagent volume	R1: 180 ~ 450 μ L, 1 μ L adjustable R2: 30 ~ 250 μ L, 1 μ L adjustable
Sample volume	3 ~ 45 μ L, 0.5 μ L adjustable
Sample & Reagent probe	Collision protection, Liquid level detection & Inventory checking
Probe cleaning	Automatic washing both inside & outside, carry over <0.1%

Pre-heating for reagent

Reaction System

Reaction positions	81 cuvettes, 9 cuvettes/strip
Cuvette	Optical length 5mm
Reaction volume	180 ~ 500 μ L
Reaction temp.	37°C, fluctuation \pm 0.1°C

Independent mixing probe, Automatic washing system

Measuring and Optic System

Lamp	Halogen lamp
Absorption range	0 ~ 3.500Abs \pm 1%
Wavelengths	8 wavelengths, including 340nm,405nm,450nm,510nm, 546nm,578nm,630nm,670nm
Resolution	0.0001ABS

Working Condition

Power supply	AC 100/240V 50/60 Hz
Temperature	10 ~ 35°C
Humidity	35 ~ 80%
Water consumption	Max 2.5 L/hour
Dimension (cm)	L800xW600xH650
Gross weight	80KG