

MANUFACTURE STANDARD, MANUFACTURE RELIANCE

Chemray 240

Automated Chemistry Analyzer



Features

- Automatic, Random Access
- Up to 160 tests per hour
- Reagent pre-heating, liquid level detection
- Automatic 8 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 Operation System

Chemray 240

Automated Chemistry Analyzer



Technical Specifications

System Function

- Throughput: Up to 160 tests per hour
- Contents of the testing: Clinical chemistry, Immunturbidimetric
- Analytical modes: End-point, Two-point, Kinetic
- Programming: Open system with user defined programs
- Automatic, Random Access
- STAT sample priority

Sample Tray

- Sample position: 40 positions for samples
- Sample volume: 3 ~ 100 μL . 0.5 μL adjustable
- Any position for standard and quality control setting

Reagent Tray

- Reagent position: 40 positions in refrigerated compartment
- Refrigerated temperature: $\leq 16^{\circ}\text{C}$
- Reagent volume
 - R1: 180 ~ 450 μL . 1 μL adjustable
 - R2: 30 ~ 250 μL . 1 μL adjustable

Reaction Tray

- Reaction positions: 81 cuvettes, 9 cuvettes/strip
- Reaction volume: 180 ~ 500 μL
- Reaction temperature: 37°C , fluctuation $\pm 0.2^{\circ}\text{C}$
- Independent mixing probe
- Cuvette washing(optional): Automatic 8 steps washing system

Probe

- Pre-heating for reagent
- Collision protection, Liquid level detection and Inventory checking
- Automatic inner and outer probe washing after every cycle, carry-over $\leq 2\%$

Measuring and Optic System

- Lamp: Halogen lamp
- Absorbance range: 0 ~ 3.500Abs $\pm 1\%$
- Wavelengths: 8 wavelengths from 320~850nm including 340nm, 405nm, 450nm, 510nm, 546nm, 578nm, 630nm, 670nm
- Resolution: 0.0001ABS

Working Condition

- Power supply: a.c. 110V/220V, 50Hz
- Temperature: 0 ~ 40°C
- Humidity: $\leq 80\%$
- Water consumption: Max 3 L/hour
- Dimensions: 810mm(L)*680mm(W)*1150mm(H)
- Gross weight: 145KG

Status Menu



QC Graph



High precision probe



10 steps washing



Reusable/Disposable cuvettes



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