

MANUFACTURE STANDARD, MANUFACTURE RELIANCE

# Chemray 120

Automated Chemistry Analyzer

NEW



## 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



# Chemray 120

## Automated Chemistry Analyzer



### Technical Specifications

#### System Function

- Throughput: up to 100 tests per hour
- Contents of testing: Clinical chemistry, Immunoturbidimetric
- Analytical modes: End-point, Two-point, Kinetic
- Programming: Open system with user defined programs
- Automatic, Random Access
- STAT sample priority

#### Sample Tray

- Sample position: 9 positions for samples
- Sample volume: 3 ~ 45  $\mu\text{L}$ , 0.5  $\mu\text{L}$  adjustable
- Any position for standard and quality control setting

#### Reagent Tray

- Reagent position: 26 positions for reagents
- Reagent volume
  - R1: 180 ~ 450  $\mu\text{L}$ , 1  $\mu\text{L}$  adjustable
  - R2: 3 ~ 450  $\mu\text{L}$ , 1  $\mu\text{L}$  adjustable

#### Reaction Tray

- Reaction positions: 90 cuvettes, 10 cuvettes/strip
- Cuvette: Optical length 5mm
- Reaction volume: 180 ~ 500  $\mu\text{L}$
- Reaction temperature: 37 $^{\circ}\text{C}$ , fluctuation  $\pm 0.3^{\circ}\text{C}$

#### Probe

- Pre-heating for reagent
- Collision protection, Liquid level detection and Inventory checking
- Automatic inner and outer probe washing after every cycle, carry-over <0.1%

#### Print out

- Built-in thermal printer, external printer optional

#### Measuring and Optic System

- Lamp: Halogen lamp
- Absorbance range: 0 ~ 3.500Abs
- Wavelengths: 8 wavelengths from 320-850nm
- Resolution: 0.0001ABS

#### Working Condition

- Power supply: 100-240 VAc 50/60 Hz
- Temperature: 10 ~ 35 $^{\circ}\text{C}$
- Humidity: 35 ~ 80%
- Water consumption: <3 L/hour
- Dimension L×W×H(mm): 630×480×510
- Net weight: 70 KG



#### Status Menu



#### QC Graph



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