



# Chemray 120 *for Vet*

Automated Chemistry Analyzer



## Features

- 8 pre-determined animal settings and unlimited number of user-defined animal settings
- Compact Design, Automatic, Random Access for veterinary
- Throughput up to 100 tests per hour
- Labor saving, simple programming and real walk-away operation
- Reagent open system, close system on request
- Micro-volume for sample and reagent
- Sample position and reagent position switchable
- Multi-language software available



Manufacture standard , Manufacture reliance



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## Automated Chemistry Analyzer

### Test Results

**Patient Information**  
 PIC: **Proble** **DOG**  
 Sample No. 148221003  
 Animal: Dog  
 Name: 507608  
 Age: 7 Year  
 Gender: M: Male  
 Phase:   
 Note:   
 [New] [Save]

**Test** [Remaining time] [Information]  
 Status: [Response] [Cuvette] [Result]

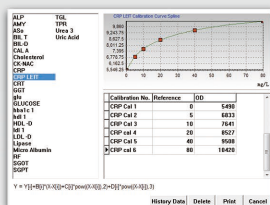
- Routine
- Stat
- Control
- Standard
- Empty
- Unknown
- Unlabeled
- Testing
- Completed
- Abnormal

[Start] [Pause] [Stop] [Cancel] [Replace cuvette] [Statistics] [Print] [Cancel]

Test Status

### Test Configuration

**Chemistry Test** [Non-chemistry test]  
 AST  
 Animal: **PROBLE**  
 Age: 7 Year  
 Sex: M  
 Breed: Above  
 [Animals] [Save] [Cancel]



Calibration Curve



## Technical Specifications

### System Function

- Animal Type: Dog, Cat, Cow, Fish, Horse, Mouse, Pig, Rabbit and unlimited number of user-defined animal settings
- 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  $\mu$ L, 0.1  $\mu$ L adjustable
- Any position for standard and quality control setting

### Reagent Tray

- Reagent position: 26 positions for reagents
- Reagent volume
  - R1: 180 ~ 450  $\mu$ L, 0.1  $\mu$ L adjustable
  - R2: 3 ~ 450  $\mu$ L, 0.1  $\mu$ L adjustable

### Reaction Tray

- Reaction positions: 90 cuvettes, 10 cuvettes/strip
- Cuvette: Optical length 5mm
- Reaction volume: 180 ~ 500ul
- Reaction temperature: 37°C

### Probe

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

### 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: AC 110V/220V, 50Hz/60Hz
- Temperature: 10°C ~ 30°C
- Humidity: 40% ~ 85%
- Water consumption: <3 L/hour
- Dimension L×W×H(mm): 630×480×510
- Net weight: 70 KG



Rayto reserves the right to change specifications without prior notice.  
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