

URIT-8021A Vet
Automatic Chemistry Analyzer

Specifications

- Assay Methods:** End Point, Kinetic, fix time etc.
- Principle:** photoelectric colorimetry
- Light Source:** halogen lamp 12V/20W
- Photometry Range:** 0~3.2Abs
- Resolution:** 0.0001Abs
- Wavelength:** 10 wavelength options(340nm, 405nm, 450nm, 492nm, 510nm, 546nm, 578nm, 630nm, 700nm, 800nm)
- Throughput:** 200tests/hour
- Structure:** 1 probe and 1 mixer
- Reagent Tray:** 59 reagent positions, 1 detergent position
- Sample Tray:** 71 positions, including 55 sample positions, 8 positions for calibration, 4 positions for OC and 4 positions for STAT
- Reaction Tray:** 120 reaction cuvettes
- Sample Volume:** 2~100ul, with 0.1ul increment
- Reagent Volume:** R1:10~500ul, R2: 10~500ul, with 0.5ul increment
- Minimum Reaction Volume:** 150ul
- Water Consumption:** 6L/hour under working status
- Clean Unit:** 8-step auto-washing system with detergent and water
- Temperature Control:** incubator 37±0.1℃
- Operation Environment:** Temperature: 10~30℃
- Relative humidity: ≤ 85%
- Atmospheric pressure: 86~106kPa



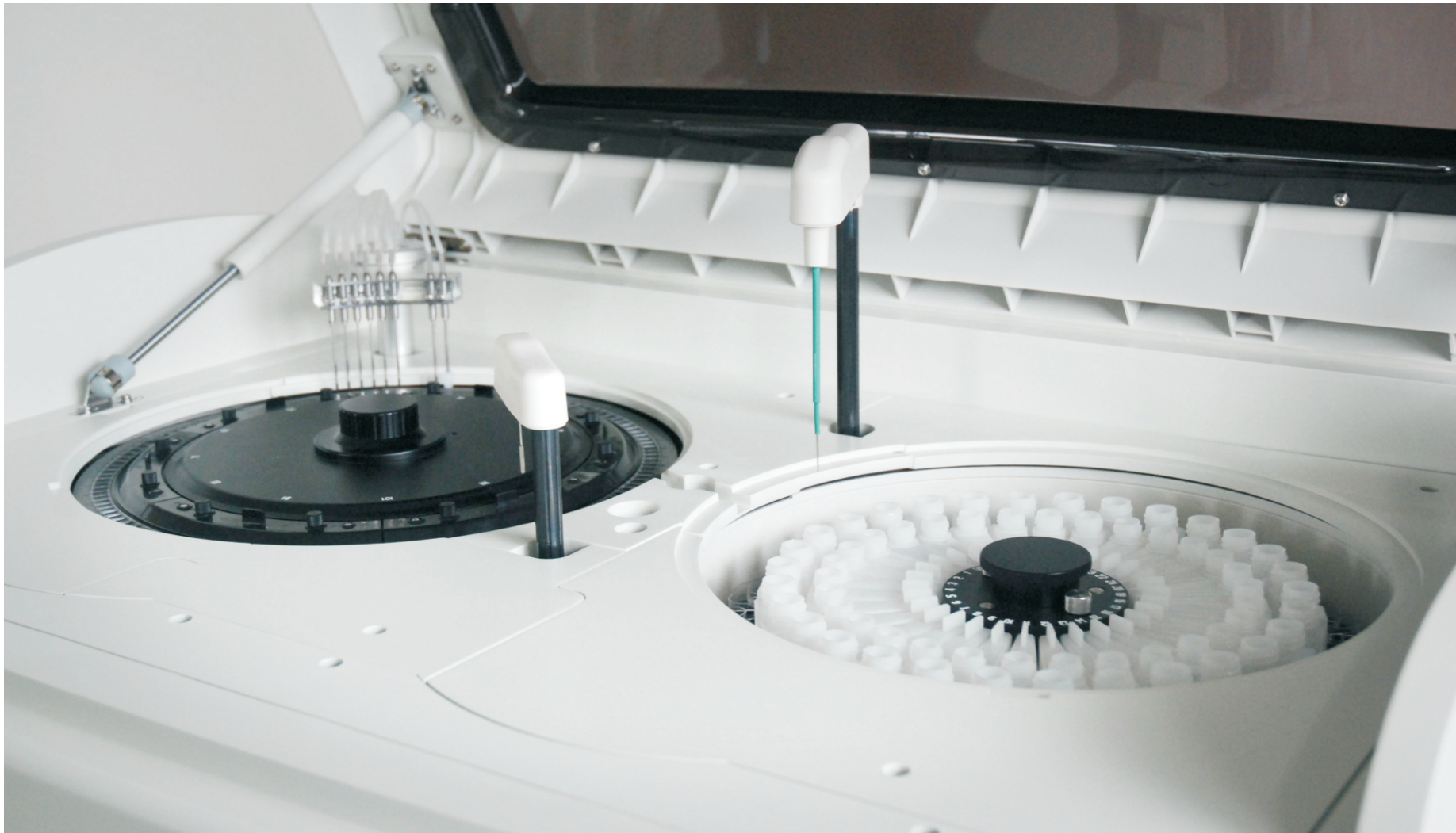
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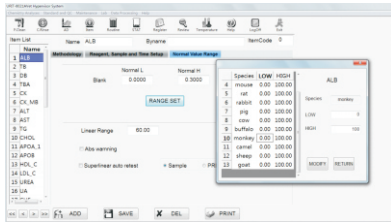
Automatic Chemistry Analyzer

A ultimate performance with quality and efficiency For animals

- 200 tests per hour
- Collision protection
- Auto-washing station
- High accurate optical system
- 24-hour non-stop cooling system
- Support Lis interface

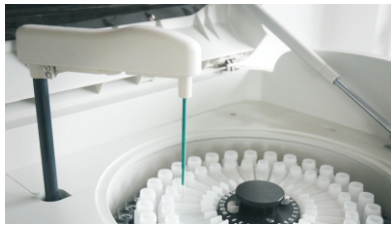
Ergonomics Software

- Species for animals
- Dynamic and real time display of running status



Multi-function Sample/Reagent Tray

- 60 reagent positions, 71 sample positions including 55 sample positions, 8 calibration positions, 4 STAT positions, QC positions
- Up to 20 virtual sample tray can be programmed
- 24 hours non-stop cooling system



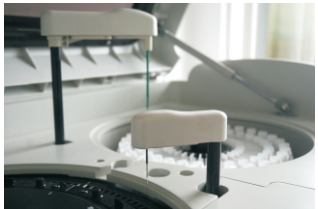
High Performance Mixer Design

- absence of cross contamination
- Optimal homogenization in minimum time



Accurate Sampling

- Collision protection
- Liquid level detection
- Internal and external probe washing
- High quality stepping motor, with minimum 0.1ul increment



Stable Optical System

- Close, static state optical system
- Spot photometry with high speed digital transmission system

