



# URIT-8021A

## Automatic Chemistry Analyzer

- Random access, 200 tests per hour
- Durable ceramic syringes
- Select best test point by reaction curve, create new factor automatically
- Support bi-direction LIS and HIS interface

**CONFIDENCE IN MEDICAL DIAGNOSTICS**

**URIT**

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## 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:** 340nm\405nm\450nm\492nm\510nm\546nm\578nm\630nm\700nm\800nm

**Throughput:** 200 tests/hour

**Reagent tray:** 60 reagent positions (include 1 detergent position, 1 dilution position)

**Sample tray:** 45 sample positions, including detergent, standard, QC, STAT positions

**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:** 180uL

**Maximum reaction time:** 10 minutes

**Water Consumption:** 5L/hour under working status

**Clean unit:** 8-step auto-washing system with detergent

**Calibration:** Calibration reset, select best test point by reaction curve, no need second calibration  
Line/non-line; multi-standards assay

**Control rules:** Westgard multi-rule, Cumulative sum check, Twin plot  
3 level controls for each item, analyzing and printing QC analysis diagram

**Temperature control:** incubator  $37 \pm 0.1^{\circ}\text{C}$

**Power supply:** AC 230( $1 \pm 10\%$ )V, 50/60Hz, 500VA

**Ambient:** Operating temperature:  $10 \sim 30^{\circ}\text{C}$

Relative humidity:  $\leq 85\%$

Atmospheric pressure: 86~106kPa

### | Features |

- 24 hour non-stop cooling system to ensure reagent at  $2 \sim 8^{\circ}\text{C}$
- Durable ceramic syringes to ensure accuracy & precision
- High accurate optical system
- Collision protection in both vertical and horizontal directions, stop & alarm automatically once touching barrier, not affect former tests
- Automatic eligible cuvettes detection & selection
- Select best test point by reaction curve, create new factor automatically
- Support LIS interface



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