

Global Diagnostics Supplier



URIT-8030 **Automated Chemistry Analyzer**

Ideal random access for fully automatic
chemistry analysis

URIT-8030

URIT

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Automated Chemistry Analyzer

Specifications

Assay methods: End Point, Kinetic, Fix time etc.

Principle: Photoelectric Colorimetry

Light Source: halogen lamp 12v/20w

Photometry range: 0-3.0 Abs

Resolution: 0.0001Abs

Wavelength: 10 wavelengths optional (340nm, 405nm, 450nm, 492nm, 510nm, 546nm, 578nm, 630nm, 700nm, 800nm)

Throughput: 300 tests/hour

Memory capacity: up to 1000 items

Reagent tray: 60 reagent positions

Sample tray: 45 sample positions

Reaction tray: 120 reaction positions

Sample volume: 3-100uL, with 0.125μl increment

Reagent volume: 100-450μl, with 0.5μl increment

Minimum reaction volume: 180μl

Maximal reaction time: 10 mins

Water Consumption: 2.5L/hour under working status

Clean unit: 8-step auto-washing, unique reagent probe, sample probe and mixer for cleaning

Calibration: line/non-line; multi-standards assay (Max: 6 QC values)

Control: 3 level controls for each item, analyzing and printing QC analysis diagram

Temperature control: incubator: 37±0.2°C

Power supply: AC220 (1±10%) V, (50±1)Hz, 500VA

Fuse: T8A 250V

Ambient: Operating temperature: 15-30°C

Relative humidity: ≤85%

Atmospheric pressure: 86-106kPa

Features

- ✓ High accurate optical system, transmitted by fiber
- ✓ Unique reagent probe, sample probe, mixer and 8-step auto-washing to ensure cuvettes clean and decrease cross-contamination
- ✓ Optimum test sequence setting program, STAT test priority
- ✓ 120 reaction cuvettes located in a constant temperature incubator
- ✓ Durable cuvettes, adopting reused cuvettes with auto-washing system
- ✓ Friendly operation software, multi-language available
- ✓ Displaying and printing reaction curve, real time diagnosis of system working status

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