

URIT-8460

Automatic Biochemistry Analyzer

Instrument Performance

Instrument Type Fully automatic discrete biochemistry analyzer
Throughput Constant speed 420 T/H, 600 T/H (with ISE)
Testing Method One-point end, two-point end, rate (kinetic), two points rate, mono/double wavelength, eliminate reagent and sample blank, immunoturbidimetry
STAT function Specific emergency positions

Sample System

Sample Disk 78 sample positions (including routine, calibration, QC and STAT positions), diverse types of primary tubes and specific sample cup supported
Collision Detection 3D detection, sample probe stops when collision is detected, all results tested before will be kept
Sample Probe High polishing both inner and outer of the probe to avoid cross contamination, automatic liquid level detection and tracing

Reagent System

Reagent Disk 80 positions compatible with several types of bottles
Cooling System Independent 2~8°C 24h non-stop cooling system
Washing System Warm water washing both inner and outer of the probe
Reagent Probe High polishing both inner and outer of the probe to avoid cross contamination, automatic liquid level detection and tracing

Optical System

Light Source Long life halogen lamp
Optical System Grating system with 12 Wavelengths

Reaction System

Reaction Cuvette 90 high quality hard UV cuvettes
Washing System 8-needle 10-step warm water washing, additional washing steps can be added between easy contaminated items
Waste System Waste exceed alarm
Mixing System 2 stand-alone mixers
Reaction Volume Minimum 150ul
Heating System Solid direct heating $37 \pm 0.1^\circ\text{C}$

Calibration and QC

Calibration One point linear, two points linear, multi-points linear, Logit-Log4P, Logit-Log5P, Exponential etc.
QC QC tests can be added at any time, all QC results & graph can be displayed and printed
QC rules Westgard multi-rules, Levey-Jennings rules and diverse levels of QC

Operation System

Operation System Windows 7, 8, 10
Testing Sequence Test priority can be re-arranged to avoid cross contamination
User Mode Hospital mode, blood bank mode, physical examination center etc.
Distinguishing Function Measuring points re-allocation, enzyme linear expansion, high concentration sample auto-dilution, real-time monitoring reaction process
Data Management Bi-directional LIS/HIS system
Report Various print formats
Data storage Unlimited

Others

Dimension 950mm x 640mm x 1110mm (L x W x H)
Weight 170kg
Water Consumption $\leq 12\text{L/H}$

Global Diagnostics Supplier



URIT-8460

Automatic Biochemistry Analyzer

Constant speed 420 T/H, 600 T/H (with ISE)

Constant speed 420 T/H, 600 T/H (with ISE)

URIT Medical Electronic Co., Ltd.

Head Office
Add.: Add. Add.: No. D-07 Information Industry District, High-tech Zone, Guilin, Guangxi 541004, P. R. China
Tel: +86-773-2288586 Fax: +86-773-2288560
E-mail: export@uritest.com service@uritest.com

Shenzhen Office
Add.: Room EJ, 24th Floor, New Baohui Building, Nanhai Road, Nanshan District, Shenzhen, P.R. China
Tel: +86-755-26050853 Fax: +86-755-86036150
Http://www.urit.com



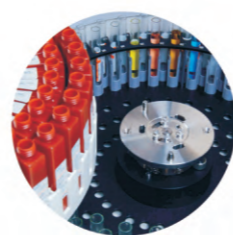
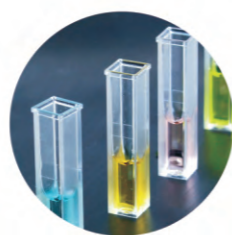
URIT



URIT-8460

Automatic Biochemistry Analyzer

- New generation, new technology, prominent performance
- Constant 420 T/H, 600 T/H (with ISE)
- 78 sample positions, 80 reagent positions, and 90 reaction cuvettes
- Solid direct heating, less preheating time
- 24 hours non-stop, 2~8 °C constant ice-free cooling system,
- Whole sealing, statics, grating optical system
- Washing station collision detection
- User-friendly software, easy operation
- Bi-directional LIS/HIS system

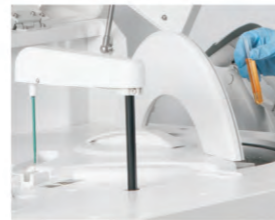


URIT-8460

Automatic Biochemistry Analyzer

Utilize platform distribution Save more laboratory space

- Double disks, double probes and double mixers reduce the instrument volume to about 70% with constant speed 420 T/H. More space available for laboratory.
- Modularized instrument, easy maintenance and upgrade



Utilize optical system Ensure results accuracy

- Whole sealing, statics, grating optical system
- Simultaneous 12 wavelengths, double wavelength detection
- Long life halogen lamp with cycling water cooling, hibernate function

Utilize temperature control system Keep running environment stable

- 24 hours non-stop, 2~8 °C constant ice-free cooling system,
- Solid direct heating system

Utilize core configuration Increase work efficiency

- 90 reusable UV reaction cuvettes with high intensity, erosion-free etc.
- Additional washing for cross-contamination items
- Support primary blood tube, standard cup and diverse types of serum cup





URIT-8460

Automatic Biochemistry Analyzer

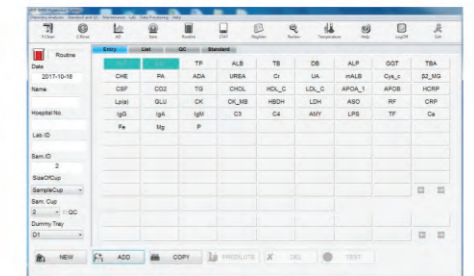
O

Original
Manufacturer Reagent

- CL-100K purification, high capacity (1 million boxes annually), automatic reagent production line
- Adopt international technique, use high quality imported original material, ensure the reagent stability and reliability
- Ready to use, no need to resolve
- Traceable 20 multi-calibrators and multi-QC

Data Management Mode

- Multiple modes to choose, hospital, blood bank, physical examination center etc.
- Strictly clarify users' permissions
- Stable backup and recovery function
- Diversified and customized printing formats
- LIS/HIS bi-directional data system



Friendly real-time monitor function

- Intelligent alarm, re-test, and automatic dilute exceed-linear, substrate exhausted samples
- Monitor reaction process, and save reaction curve.
- Provide dedicated support to results analysis
- Real-time monitor & alert the remaining volume of sample/reagent

