ROBONIK

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Random Access, Fully Automated
Biochemistry Analyser

CE

Simplicity In Automation

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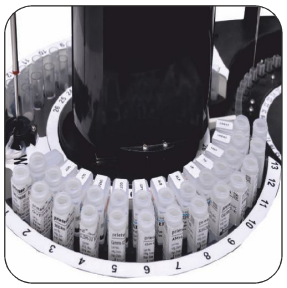
Reagent Tray

- 26 Open positions
- 13 Positions for 10 ml bottle
- 13 Positions for 30 ml bottle
- Reagent tray cooled to 10 to 15°C below the ambient temperature



Reagent Probe

- Reagent probe volume 50 to 500 µl
- Preheated, collision protected probe with liquid level detection
- Probe Cleaning : both internal and external

Sample Tray

- 26 Open position for sample/standard/calibrator/control
- Can adapt primary tubes and sample cups
- STAT Sample Priority

Sample Probe

- Sample probe Volume 3 to 30 µl
- Collision protected probe with liquid level detection
- Probe Cleaning : Both Internal and External

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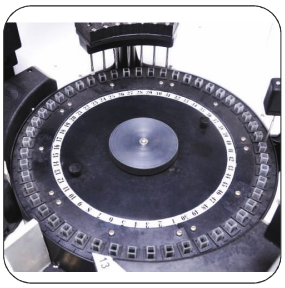
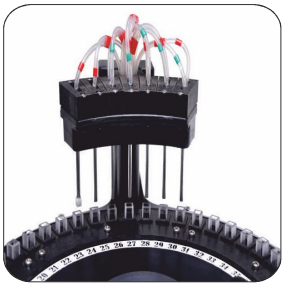
Reaction Tray

- 50 Individual permanent Optical Glass cuvettes
- Reaction Volume : 200 µl / test
- Reaction temperature is controlled at 37°C ± 0.5°C



Wash Station

- Intelligent software to wash the cuvettes
- 7 Probe wash/wipe station
- 6 Coaxial probes for washing, 1 probe for wiping

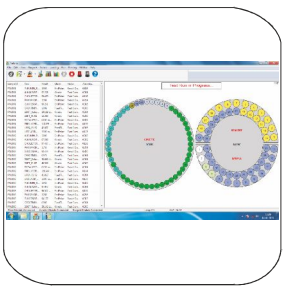


Mixing Station

- Dedicated mixing arm
- Collision protection
- Mixer Cleaning : external

Software Specification

- Windows based user friendly operation
- Online status of reagent, sample & reaction system
- Real time monitoring of reaction curves
- Real time diagnosis of system status



Features

- Discrete, Random Access, Fully Automated, Compact, Bench top model
- Dual Probe, Individual Probe for sample and reagent with Liquid Level Sensor
- Onboard Cooling for Reagent Tray
- Onboard Laundry
- Minimal Water Consumption, less than 2 litres per hour
- Non Vaccumised Waste/Wash Bottles
- Q.C. with L.J. Plot and Westgard rules
- Dedicated Onboard Mixer
- Stat Sample Capability
- Individual permanent optical glass cuvettes

Technical Specifications

System Information

System Type	:	Fully Automatic, Discrete, Random Access, STAT sample priority
Throughput	:	150 Tests/Hour
Type of Tests	:	Routine & Uncommon Biochemistry Enzymes, Substrates, Drug Assays, Serum Proteins
Analysis Mode	:	End Point, Fixed Time, Kinetic, Linear/Non-Linear Multipoint Calibration
Programming	:	Open System for user Defined Profiles and calculations

Optical System

Filters	:	Interference Filters 340, 405,450, 510, 545, 578, 630, 700 nm + 2 Optional
Absorbance Range	:	0.000 to 3.000 Abs. Unit

Calibration & Control

Linear (1 Point, 2 Point, Multipoint), Point to Point

Quality Control by Levey Jennings / Westgard Rules

Working Conditions

Power Supply	:	115-230 volts, A. C. 50 - 60 Hz ± 10 %
Relative Humidity	:	up to 80%
Dimensions (mm)	:	660 x 510 x 460 (Approx)
Weight	:	40 Kg. (Approx)

**Due to continuous developments, specifications are subject to change without prior notice.*

ROBONIK

An ISO 9001 : 2008 Certified Company

An ISO 13485 : 2003 Certified Company

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