



ROBONIK[®]

autora

Fully Automatic Random Access
Biochemistry Analyser



CE

Simplicity In Automation

REAGENT TRAY

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



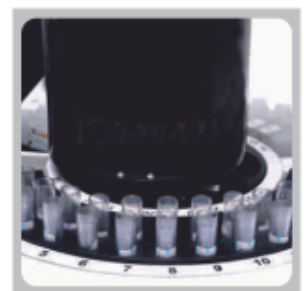
REAGENT PROBE

- Reagent probe volume 50 to 500 μ l
- Preheated, 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



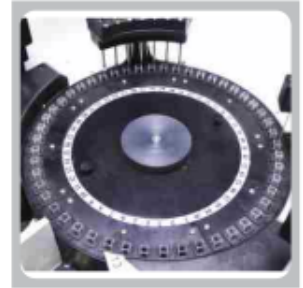
SAMPLE PROBE

- Sample probe Volume 1.5 to 50 μ l
- Probe with liquid level detection
- Probe Cleaning : Both Internal and External



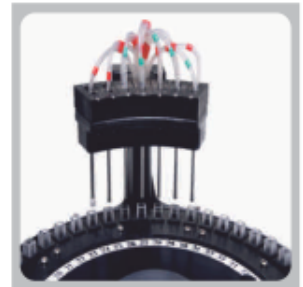
REACTION TRAY

- 50 Individual permanent Optical Glass cuvettes
- Reaction Volume : 200 μ l / test
- Reaction temperature is controlled at 37°C \pm 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
- Built in Computer

TECHNICAL SPECIFICATIONS

SYSTEM INFORMATION

System Type	Fully Automatic, Discrete, Random Access, STAT sample priority
Throughput	200 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 \pm 10 %
Power	300 VA
Relative Humidity	up to 80%
Dimensions (mm)	850 x 410 x 560 (Approx)
Weight	45 Kg. (Approx)

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



An ISO 9001 : 2008 Certified Company
An ISO 13485 : 2012 Certified Company

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