

**NOW with
Integrated
Innovative Smart Key**



Test **HbA1c, CRP, RF, ASO**
in cost effective way

autoraTM

Fully Automatic Random Access
Biochemistry Analyser



CE

Simplicity In Automation

Reagent Tray

- 26 Open positions
- 13 Positions for 10 ml bottles
- 13 Positions for 30 ml bottles
- Reagent tray cooling to 10°C to 15°C 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 positions for sample/standard/calibrator/control
- Can adapt primary tubes and paediatric cups
- **STAT** sample priority
- Continuous sample loading is possible



Sample Probe

- Sample probe volume 2.5 to 30 μ l
- Probe with liquid level detection
- Probe cleaning : both internal and external



Mixing Station

- Dedicated mixing arm for R1 and R2 mixing
- Mixer cleaning : external



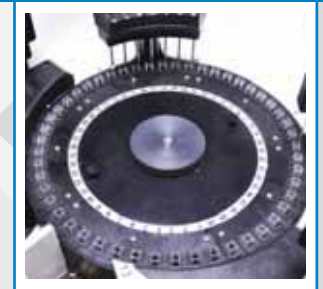
Wash Station

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



Reaction Tray

- 50 Individual permanent optical glass cuvettes
- Reaction volume : 200 μ l / test
- Reaction temperature controlled at 37°C \pm 0.5°C



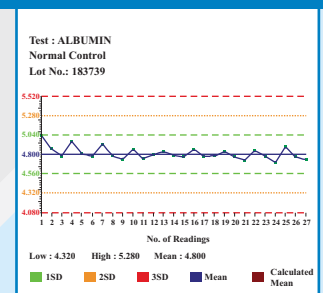
Software Features

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



Quality Control

- Levy Jenning (L-J) Graph
- Westgard Rules
- Pediatric Cup for Q. C.



Turbidimetric Reagents With Smart Calibration Key



Test **HbA1c**, **CRP**, **RF** and **ASO** in a Cost Effective Way

- No calibration required
- Saves time & money and avoids errors of calibration
- Great accuracy & precision

Reagent Features :

- Ready to use liquid stable reagents with long shelf life
- Fine micro size latex particles that do not settle down
- Reliable results correlating with gold standard methods
- Two reagent system
- Micro volume reduces cost per test
- Convenient pack size

Features

- Discrete, Random Access, Fully Automated, Compact, Bench Top Model
- Dual Probe, Individual Probes for Sample and Reagent with Liquid Level Sensor
- Onboard Cooling for Reagent Tray
- Onboard Laundry
- Minimal Water Consumption, less than 2 Litres per Working Hour
- Permanent Optical Glass Cuvettes
- Non Vacuumised Waste/Wash Bottles
- Facility of Post-Dilution and Pre-Dilution Run
- Q.C. with L.J. Plot and Westgard Rules
- Dedicated Onboard Mixer for R1 & R2
- **STAT** Sample Capability
- 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 and Special 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, 50 - 60 Hz \pm 10 %

Power : 300 VA

Relative Humidity : up to 80%

Dimensions in mm (lxbxh) : 890 x 430 x 580 (Approx)

Weight : 45 kg. (Approx)

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



ROBONIK (INDIA) PVT. LTD.

Plot No. 3 & 4, MIDC Industrial Area, Morivali, Near Ladhi Naka,
Ambarnath (West) - 421 501, District Thane, Maharashtra, INDIA
Tel.: +91 (251) 2689000

Authorised Distributor :



No. 4, Ashirwad Bldg. 2, Poonam Sagar Complex,
Mira Road (East), Thane - 401107. Maharashtra.

✉ : enquiry@adveetabiotech.com,

🌐 : www.adveetabiotech.com, ☎ : +91 9769015570