

**NOW with  
Integrated  
Innovative Smart Key**



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

# **smara**<sup>TM</sup>

Fully Automatic Random Access  
Biochemistry Analyser



**Simplicity In Automation**

## Reagent Tray

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



## Reagent Probe

- Reagent probe volume 50 to 500  $\mu$ 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 pediatric sample cups
- **STAT** sample priority



## Sample Probe

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



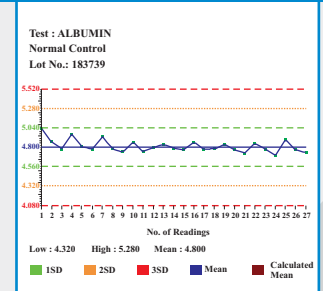
## Reaction Tray

- 50 disposable cuvettes
- Reaction volume : 200  $\mu$ l / test
- Reaction temperature controlled at 37°C  $\pm$  0.5°C



## Quality Control

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



## Cuvettes

- Disposable cuvettes
- Optically matched cuvettes
- Ten cuvettes in each sector
- Easy loading cuvettes



## 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



## 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
- 100 Tests/Hour Throughput
- Dual Probe, Individual Probes for Sample and Reagent
- Automatic Probe Cleaning and Liquid Level Sensing
- Cooled Reagent Compartment
- Q.C. with L.J. Plot and Westgard Rules
- **STAT** Sample Capability
- Disposable Cuvettes
- Built in Computer
- Non Vacuumised Waste/Wash Bottles



## Technical Specifications

### System Information

**Type of Tests** : Routine & 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

**Absorbance Range** : 0.000 to 3.000 Abs. Unit

**Filters** : Interference Filters 340, 405, 450, 510, 545, 578, 630, 700 nm + 2 Optional

### 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** : 43 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](mailto:enquiry@adveetabiotech.com),

🌐 : [www.adveetabiotech.com](http://www.adveetabiotech.com), ☎ : +91 9769015570