

INDIA'S FIRST SMART BIOCHEMISTRY ANALYZER AT SMART+



AUTOMATIC PROGRAMMING
INVENTORY MANAGEMENT

TECHNICAL SPECIFICATION



PROGRAMMING

- 1000+ test programming slot
- Easy test parameters download from cloud storage via WiFi
- Supports up to 10 methods
 - Endpoint – With Standard, Factor, Sample blank
 - 2 point Kinetic (Fixed time) – With Standard, Factor
 - Multipoint kinetic – With Factor, Standard
- Bi-Chromatic and monochromatic reading for Endpoint methods
- Multi-Standard support for all methods upto 10 Standards
- Intelligent algorithms to detect the calculation method such as Spline, linear and so on
- Temperature – Peltier controlled 25,30 & 27 deg Celsius
- In built incubator

QUALITY CONTROL

- Supports both Control QC and LAB QC
- Multi-level QC per test upto 30 normal and abnormal values
- Levey Jennings (LJ) control plot with Mean, SD, 2SD and 3SD indication
- Unlimited QC samples

RESULT MANAGEMENT

- 1,00,000+ result storage memory
- Display of sample reaction curve for each of the stored results
- Option for providing patient details to each of the stored result
- Unlimited test result storage via cloud

USER INTERFACE

- **Display**
 - 7" TFT colour screen with capacitive touch
 - External monitor with HDMI connectivity
- **Printer**
 - Internal 57 mm thermal printer
 - External printer via USB
- **Ports**
 - Ethernet – 1 port
 - USB – 4 ports for mouse, keyboard and external printer*
 - HDMI port for external monitor
- **Input**
 - Touch screen
 - Mouse
 - Keyboard

INVENTORY MANAGEMENT

- Reagent inventory management
- Automatically manages the reagent consumption and alerts on low stock
- Stock statement via email and external printer
- Auto inventory entry for test programs downloaded from cloud



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