



## Semi Auto Bio Chemistry Analyzer



Modern UI  
Engaging Experience



Closed System  
Secures Business



Cloud Connectivity  
Easy Software Update



Powerful Processing  
Customized Reports



The Future of Healthcare



Geared pump for better accuracy and reliability



External monitor attachment (optional)



Sensitive touch (No stylus is needed)



High resolution and bright display



Cloud connectivity for software management (Optional)



Dry block incubator eases lab work



External USB printer



Modern user Interface



Pre-defined test profiles



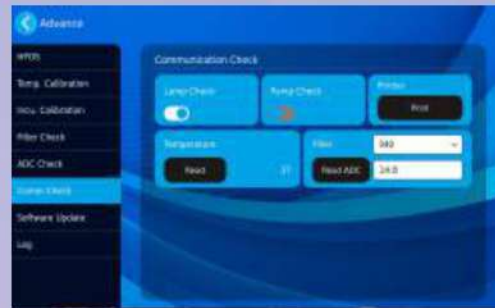
Dynamic locking



Easy patient report management



365 days QC data for NABL requirements



Advance diagnostics for troubleshooting

EASY WORK FLOW

KINETIC GRAPH STORAGE

CALIBRATION REPORTS



# Technical Specifications

## PHOTOMETRIC MODULE

- Six Narrow band Interference Filters
- Filter Wavelengths 340, 405, 505, 546, 578, 630 (2 optional filters)
- IAD process ensures long Filter life
- Wavelength Accuracy:  $\pm 2\text{nm}$
- Silicon Photo Diode detector
- Absorbance Range: 0.0 - 3.0A
- Resolution 0.0001 Absorbance Units
- Photometer Drift: 5 mAbs/30min
- CV:  $< 1\%$

## TEMPERATURE OF FLOW CELL/CUVETTE

- 25°C, 30°C, 37°C
- Temperature Stability:  $\pm 0.2^\circ\text{C}$

## DISPLAY

- 7-Inch-high resolution display
- Capacitive touch screen

## KEYBOARD

- Option to attach external USB keyboard and mouse

## PRINTER

- Internal 57mm thermal printer with full graphics
- External USB printer can be attached

## MEASURING MODULE

- Dual mode (Flow cell & Cuvette)
- High quality Quartz flow cell
- 30uL Flow cell volume

## UNITS

- 15 pre-defined measurement units

## REACTION VOLUME

- Minimum aspiration volume - 300uL

## DIMENSIONS

- Length : 430mm • Height : 150mm
- Width : 330mm • Weight : 6 kg

ISO 13485 : 2016 Certified

## ANALYSIS METHOD

- Absorbance, End Point, Fixed time and Kinetic
- Sample blanking and Reagent Blanking
- Coagulation Tests (PT / APTT / TT)
- Kinetic with factor and with standard
- Fixed time with standard, Factor and multiple standards
- End point with standard or multiple standards, with or without reagent and sample blank
- End Point with Bi chromatic mode
- Curve editing for multi standard calibration

## TEST PROFILES

- User defined 10 Test Profiles
- 10 tests can be added in each profile

## TEST CHANNELS

- 48 predefined assays
- 300 programmable open test channels

## DATA MANAGEMENT

- Storage capacity of up to 1,000,00 test results
- 365 days of QC management for each assay
- Three level QC management for all assays
- Kinetic graph storage
- LIS option

## REPORTS

- Easy management of patient reports
- Assay calibration reports
- QC reports with LJ Graph

## INCUBATOR

- 11 position Internal Incubator
- External Incubator attachment (Optional)

## LOCKING SYSTEM

- Mobile application-based dynamic locking system
- Prevents unauthorized access to instrument

## QC AND CALIBRATION

- Daily and monthly QC with data archiving.

## INTERFACE

- LAN
- USB Ports
- Wi-Fi (Optional)
- HDMI (Optional)

## POWER

- External 19V adapter
- Input Voltage Range 100 - 240V