



LABMATE



Advanced Semi-Automated Clinical Chemistry & Coagulation Analyzer

- ★ 3 Analysis Modes Clinical Chemistry, Turbidimetry & Coagulation
- ★ In-built Multi Purpose Incubator with 22 Positions
- ★ Large Color Touch Screen Display with an option for external Mouse, Keyboard & Barcode Reader
- ★ Accurate & Precise results with maintenance free Photometer
- ★ Air purge between sample to avoid carry over & Lamp saver mode

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Specifications

Optical Unit

- 8 Interference Filters - 340, 405, 450, 505, 546, 578, 630 & 670 nm
- Silicon Photodiode Detector
- Photometric Range – 0 to 3 OD
- Resolution – 0.0001 A
- Light Source – Halogen Lamp

Measuring Unit

- Triple Cuvette Analysis
- 18 µl Quartz Flow Cell
- 10 mm Square Cuvette
- 06 mm Round Tube with Adaptor
- Peltier Temperature control: 25°C, 30°C, 37°C & RT
- Minimum Aspiration Volume 200ul by mean of Peristaltic Pump
- 22 Position Multipurpose Inbuilt Incubator 37°C

Analysis Methods

- Endpoint with Reagent blank
- Two Point End Point
- Kinetic
- Fixed Time
- Turbidimetry
- Coagulation

Analysis Modes

- Bi-Chromatic Filter selection
- Linear and Non-Linear Calibration Mode
 - 1 Pt. Linear Logit-Log 3P
 - 2 Pt. Linear Logit-Log 4P
 - Multipoint Linear Logit-Log 5P
 - Line Graph Exponential
 - Spline Parabola

Dimension (mm) & Weight

- 400(L) x 300(W) x 191(H) (L-W-H)
- 7 Kg Approx

Software Features

- Multi Level QC with Levy-Jenning Chart
- Alpha Numeric Patient ID & Name
- Result Recall by Date, Name & ID
- Real time graph for easy interpretation
- Option to operate instrument through PC software

Memory Input

- 200 User Defined Test Program
- 200000 Sample Results
- Reagent Blank & QC Result

Display

- True Color 7.0" Inch Touch Screen Display

Input/Output Interface

- Touch Screen with Popup Qwerty Keyboard
- Inbuilt High resolution Graphic Thermal Printer
- 4 USB, Slave USB & Ethernet Port to Interface Key Board, Mouse, Barcode reader & Printer

Operating Environment

- Store Temperature 15°C - 45°C
- Working Temperature 15°C - 30°C
- Humidity 35% - 90%, Non Condensing

Power

- External Universal SMPS adapter
- 19V DC/90Watt, 90-264V AC-50/60 Hz



*Please note: Product specifications are subject to change without prior notice owing to product modifications, improvements / up-gradation.

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