



LABMATE

Advanced Semi-Automated Clinical Chemistry & Coagulation Analyzer

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

Technical Specifications

Optical Unit:

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

Measuring Unit:

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

Input/Output Interface:

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

Operating Environment:

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

Power:

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

Display:

- True Color 7.0" Inch Touch Screen Display

Software Features:

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

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

Memory Input:

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

Dimension(mm) & Weight

- 400(L)x300(W) x 191(H) (L-W-H)
- 7Kg Approx



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



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