



# LABMATE

## Advanced Semi-Automated Clinical Chemistry & Coagulation Analyzer

- 4 benefits at the cost of 1: Clinical Chemistry, Turbidimetry, Coagulation & Multi Purpose Incubator
- Convenient Selectable Reading mode for all 3 Analysis: Flow cell, Cuvette & Tube
- Easy & Fast operation through: Touch Screen, Mouse, Keyboard & Barcode Reader.
- Accurate & Precise results with long life 8 IAD Filters (340nm – 670nm)
- Better Visibility & operation through 7.0' True Colour Touch screen Display.
- Air purge between sample to avoid carry over / Lamp saver mode

# SPECIFICATIONS\*

## OPTICAL UNIT

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

## MEASURING UNIT

- Triple Cuvette Analysis  
18ul Quartz Flow cell  
10mm Square Cuvette  
6mm Round Tube with Adaptor
- **Peltier Temperature control:** 25°C, 30°C, 37°C & RT
- Minimum Aspiration Volume 200ul by mean of Peristaltic Pump
- 26 Position Multipurpose Inbuilt Incubator 37°C

## ANALYSIS METHODS

- Endpoint with Reagent blank
- Two Point End
- Kinetic
- Fixed Time (Two Point)
- 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

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

## SOFTWARE FEATURES

- Multi Level QC with Levy-Jenning Graphs & Cumulative Info
- Alpha Numeric Patient ID & Name
- Result Recall by Date, Name & ID
- Online Graph & change in OD display
- Option to operate instrument through PC software

## DISPLAY

- True Colour 7.0' Inch Touch Screen Display

## INPUT/ OUTPUT INTERFACE

- Touch Screen with Popup 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

## DIMENSION (mm) & WEIGHT

- 400(L) X 300(W) X 191(H) (L-W-H)
- 7 KG Approx



CERTIFIED

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Certified ISO 9001:2004 Company

**1800 123 7028 Toll Free Service Number**

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

Labmate/C/101/001/01:18/EN