






LABMATE

-  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 & Barco de Reader
-  Accurate & Precise results with maintenance free Photometer
-  Air purge between sample to avoid carry over & Lamp saver mode



LABMATE

Technical 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	Logit-Log 5P
Linear Line	Exponential
Graph Spline	Parabola

Dimension (mm) & Weight

400[L] x 300[WI] x 191 [HI] [L-W-H]
7 Kg Approx Linear and Non-Linear Calibration Mode

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

Power Requirement

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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TRIVITRON
HEALTH CARE
speaking your language