

CHEM-7

the next-generation clinical chemistry analyzer



56 Direct Access Keys

Monitoring of Q.C.

Unique Triple Cuvette System

Low Reagent Consumption

Compact Design

Battery Backup Unit

Direct Printer / Keyboard Connectivity

Technical Specifications¹

Optical Module

- Static photometer
- 8 interference filters 340,405, 450, 505, 546, 578, 600 and 670 nm
- Silicon photodiode detectors
- Photometric Range from 0 to 2.5 OD
- Bandwidth \pm 8nm
- Quartz Halogen Lamp of 12V, 20W

Measuring Module

- Unique Triple Cuvette System
 - 18 μ l Flow cell
 - 10 mm Square Cuvette
 - 6 mm Round Glass Tube with Adaptor
- Peltier Temperature Control: 25°C, 30°C, 37°C and Off
- Peristaltic Pump
- Minimum Aspiration Volume 200 μ l

Analysis Modes (Endpoint, kinetic, fixedtime etc.)

- 1-point linear
- 2-point linear
- 1-point non-linear
- 2-point non-linear
- Rate A linear
- Rate A non-linear
- 1-point sample blank linear
- 1-point sample blank non-linear
- Absorbance
- Coagulation

Memory

- 200 User Defined Test Programs
- 1000 Test Result
- Reagent Blank
- 2 Level QC

Result Recall

- Collated Reports by date, ID or both

Built-in QC

- Daily and Monthly monitoring for 2 level Levy-Jenning QC Graphs

Display

- High Resolution Graphics LCD with backlight.
- View Area: 120 x 92 mm

Keyboard

- 41 Multifunction Keys and 6 dynamic keys

Printer

- In Built High Resolution Graphic Thermal Printer, kinetic graphs can be printed.

Interface

- RS-232C Serial Port
- Parallel Port
- Port for External Keyboard

Power

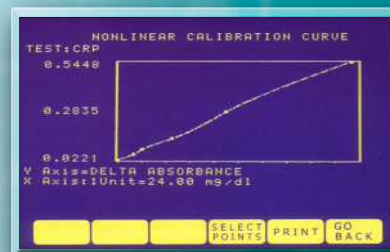
- External Universal SMPS adapter
- 18V DC, 100W, 90-264 V, 50/60 Hz.

Size(mm) and Weight

- 205 (H) x 450 (W) x 300(D), Approx. 7 Kgs.

Optional Accessories

- External 16 Position Dry Block Incubator
- External Battery Back-up



Multiple Calibration Modes



16 Position Dry Block Incubator



Battery Backup Unit



PC Keyboard Interface



Direct Patient Result Reporting

¹ Specifications are subject to change without prior notification.
Accessories shown are not part of the standard accessories

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