

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

Online Reaction Curve

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
- Quartz Halogen Lamp of 12V, 20W

Measuring Module

- Unique Triple Cuvette System
 - 18 µl 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 µl

Analysis Modes

- 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
- 3 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

Interface

- USB Port
- USB Port for External Printer
- Port for External Keyboard

Power

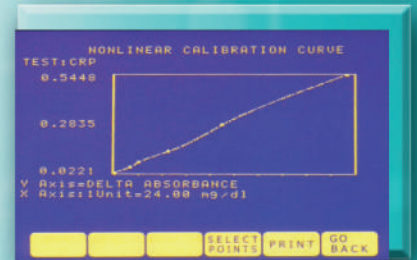
- External Universal SMPS adapter
- 18V DC, 100W, 90-264 V, 50/60 Hz.

Size(mm) and Weight

- 410(L) x 292(W) x 195(H) mm, Approx. 7 Kgs

Optional Accessories

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



Multiple Calibration Modes



16 Position Dry Bath Incubator



Battery Backup Unit



PC Keyboard Interface



Direct Patient Result Reporting

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

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