

# 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

Direct Printer / Keyboard Connectivity

Online Reaction Curve

### Technical Specifications<sup>1</sup>

#### 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

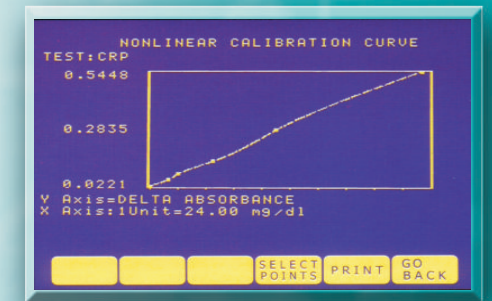
- External Universal SMPS adapter
- 18V DC, 100W, 90-264 V, 50/60 Hz.

#### Size(mm) and Weight

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

#### Optional Accessories

- External 16 Position Dry Block Incubator



Multiple Calibration Modes



16 Position Dry Block Incubator (Optional)



PC Keyboard Interface



Direct Patient Result Reporting

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