

# CHEM TOUCH

Semi Automated Clinical  
Chemistry Analyzer



**TOUCH a New Level  
of Performance**

- Touch Screen Interface
- Real Time Graph
- Low Reagent Consumption

- Triple Cuvette System
- USB Connectivity to Printer & PC
- Built in Self Diagnosis

## TECHNICAL SPECIFICATIONS

### Optical Module

- Static Photometer with photometric range (340 – 670 nm)
- 8 Interference Filter 340, 405, 450, 505, 546, 578, 600
- Silicon Photo Diode detectors
- Photometric Range from 0.0 to  $\geq 3.5$  Abs
- Quartz Halogen Lamp of 12 V, 20 W

### Measuring Module

- Unique Triple Cuvette System
  - 18  $\mu$ l Flowcell
  - 10 mm Square Cuvette
  - 6 mm Round Glass Tube for Coagulation
- Variable Temperature Range from 20° C to 40° C in steps of 1° C
- Minimum Aspiration Volume – 200  $\mu$ l
- Peristaltic Pump
- Aspiration volume Programmable from  $\leq 100$   $\mu$ l to  $\geq 5$ ml

### Analysis Mode

- |                                 |                                     |
|---------------------------------|-------------------------------------|
| • 1 – Point Linear              | • 1 – Point Non Linear              |
| • 2 – Point Linear              | • 2 – Point Non Linear              |
| • 1 – Point Sample Blank Linear | • 1 – Point Sample Blank Non Linear |
| • Rate A Linear                 | • Rate A Non Linear                 |
| • Absorbance                    | • Coagulation                       |

### Built in Quality Control

- Daily and Monthly monitoring of 3 levels of QC with Levy-Jennings Plot

### Touch Screen Display

- High Resolution Graphics LCD with Backlight
- View Area: 120 x 92 mm
- LCD resolution  $\geq 320$  x 240 pixels

### Memory

- 200 User Defined Programmes
- > 2000 Test results
- Reagent Blank
- 4000 Control Results

### Result Recall

- Collated Reports by Date, ID, Date & ID
- Oate & Test Wise
- Patient Report with Demographics

### Interface

- USB Interface to PC
- USB Interface to External Printer
- Port for External Keyboard

### Power

- External Universal SMPS Adapter
- 18 V DC, 70 W, 115/230  $\pm$  10% V, 50 – 60 Hz

### Size (mm) and Weight

- 200 (H) x 435 (W) x 310 (D), Approx. 7 Kgs.

