

# Clini-chem 2

Semi Automatic  
Biochemistry Analyzer



## Innovative Design Smart Combination

- \* Real time colored graph and absorbance.
- \* Windows Embedded Compact 7
- \* 4.3 Inch True Color Touch Screen
- \* 300 Programmable Test
- \* 1,000 Result Storage With Editable Patient Information
- \* Universal Power Supply (external Power Adaptor).

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## Semi Automatic Biochemistry Analyzer

### Technical Specification

#### Test Method

- \* End Point With Standard/Factor
- \* Two Point Kinetics (Fixed Time)
- \* Multipoint Kinetics
- \* Multi standard up to 8 standards
- \* Biochromatic, Dual Wavelength
- \* Absorbance

#### Optical System

- \* Principle: Photometric Analysis with Interference Filter
- \* Absorbance Range: 0.0000-3.0000 (Linearity:  $\pm 1\%$ , Repeatability: 0.001, Resolution: 0.0001)
- \* Spectral Range Selection: Automatic Via Filter Wheel
- \* Wavelengths: 340, 405, 505, 546, 578.630 nm + 2 Free Position,  $\pm 2$  CML Precision
- \* Light Source: 6 V 10 W Long Life tungsten Halogen Lamp
- \* Detector: Photodiode

#### Operating Conditions

- \* Temperature: 10°C-37°C
- \* Relative Humidity: <85%

#### Quality Control

- \* Lew-Jennings Chart Using Westgards Rule
- \* Auto Drawing of QC figures

#### Test Parameters Storage & CPU

- \* Test Parameters: Up to 300
- \* 1,000 test results with editable patient information
- \* Storage of Quality Control And standard results

#### Display & Input System

- \* 4.3 inch color touch screen

#### Printer

- \* Inbuilt Thermal Printer (57mm)

#### Suction System

- \* Pressure Auto releasing Peristaltic Pump
- \* Suction Volume: 300  $\mu$ l to 3.0 ml
- \* Air Column facility after each sample to avoid carry over.

#### Cuvettes

- \* Flow Cell: Quartz 32  $\mu$ l
- Path Length: 10 mm
- \* Removable Cuvette (Square and round)

#### Thermal System

- \* Peltier Regulated 25°C, 30°C, 37°C & Room Temperature
- \* Accuracy:  $\pm 0.1^\circ\text{C}$

#### Power Requirement / Dimensions

- \* Voltage: 100-240 VAC (Auto Adaption)
- \* Frequency: 50/60 HZ
- \* External Power Adaptor: 19 V 4.7 Amp
- \* Dimensions: 300X250X140 (L\*W\*H)
- \* Weight: 5 Kg

**Technical Specification are subjected to change without prior notice**

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