

# LT-1201 BIO- CHEMISTRY ANALYZER

## PRODUCT FEATURES

- ✓ Highly Stable and accurate
- ✓ Absorbance Range upto 3.000
- ✓ Range Selection Automatic Via Filter Wheel
- ✓ Inbuilt Thermal Printer
- ✓ Up to 300 test parameters
- ✓ Storage of 2,00,000 test results with patient information
- ✓ Coagulation function available

## ACCESSORIES

- ✓ Printer Paper Roll
- ✓ Removable Cuvette
- ✓ Optical Mouse
- ✓ External Key Board
- ✓ AC Adapter



## TECHNICAL SPECIFICATIONS

Test Method	End Point With Standard/Factor Two Point Kinetics (Fixed Time) Multipoint Kinetics Multi standard up to 8 standards Biochromatic, Dual Wavelength Absorbance Coagulation
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, 450, 505, 546, 578, 630 nm + 2 Free Positions, $\pm 2$ CML Precision Light Source: 6 V 10 W Long Life tungsten Halogen Lamp Detector: Photodiode
Thermal System	Peltier Regulated 25°C, 30°C, 37°C & Room Temperature Accuracy: $\pm 0.3^\circ\text{C}$
Cuvettes	Flow Cell: Quartz 32 $\mu\text{l}$ Path Length: 10 mm Removable Cuvette (Square and round)
Printer	Inbuilt Thermal Printer (57mm) Optional External Printer
Display & Input System	7.0 inch color touch screen External Keyboard, Mouse facility
Suction System	Pressure Auto releasing Peristaltic Pump Suction Volume: 300 $\mu\text{l}$ to 3.0 $\mu\text{l}$ Air Column facility after each sample to avoid carry over.
Test Parameter, Storage & CPU	Test Parameters: Up to 300 2,00,000 test results with editable patient information Storage of Quality Control And standard results DDR2 SDRAM: 1 G bit Flash: 256 MB ARM Cortex A8, 720 Mhz
Operating Conditions	Temperature: 10°C-37°C Relative Humidity: < 85%
Power Requirement	Voltage: 100-240 V AC (Auto Adaption)
Dimensions	400x300x160 approx
Weight	6kg approx