

IV-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 specification

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| 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, ± 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 μl 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 μl to 3.0 μl 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) |