

BC 230 Plus
Semi-Auto Chemistry Analyzer

CREATIVE ENGINEERING, CLEVER INTEGRATION

Semi-Auto Chemistry Analyzer

- Gain access to more than 200 tests instantly with test keys
- Peristaltic pump operates maintenance-free
- Unique circuitry extends lamp life significantly
- Utilize a triple cuvette system for optimal performance
- View real-time graphs and readings online
- Store multiple calibration standards in memory
- Automatically calibrate against set standards
- Temperature displayed in real-time on screen
- Visualize data with Levey Jennings and standard deviation graphs
- Prevent sample carry-over effectively
- Built-in stabilizer ensures system robustness
- Generate patient reports including PID and name
- Navigate easily with user-friendly software
- Connect conveniently via USB interface



ISO 9001
CERTIFIED

GMP
CERTIFIED

ISO 13485
CERTIFIED



SPECIFICATIONS

OPTICAL SYSTEM

Linear measurement range	: 0.000 to 3.000 absorbance units (A)
Photometric accuracy	: $\pm 2\%$ or 0.007 whichever is higher, from 0 to 1.5 A, $\pm 3\%$ from 1.5 A to 3.0 A
Optical measurement	: Photodiode
Light Source	: Tungsten halogen

FILTERS

Type of filter	: High quality narrow band interference
Wave length	: 340, 405, 510, 546, 578, 630 nm & two optional

FLOW CELL

Sipping volume	: upto 1000 μ l
Triple cuvette system	: 18 μ l flow cell 10 mm square cuvette Round tube for coagulation

MEMORY

Open tests	: 250 tests
Results	: 2500 patient results
QC	: 30 QC results/test
INCUBATOR	: 15 Positions at 37°C

ANALYSIS MODES

Biochemistry Turbidimetry	: Absorbance, End Point, Fixed Time, Kinetic, Differential & Ratio
Coagulation	: PT, INR & APTT

DISPLAY

Human machine interface	: TOUCH PANEL / KEYPAD 5" Color Graphics LCD
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PRINTER	: On board thermal 28 columns, maintenance free
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POWER

Wattage	: 100 VA
Voltage	: 115 – 230 Volts $\pm 10\%$, 50 – 60 Hz

STORAGE CONDITIONS

Temperature	: From -10°C to $+60^{\circ}\text{C}$
Relative humidity	: Up to 85%
Enclosure	: ABS fire retardant
Dimensions in (lxbxh)	: 380 x 305 x 175 mm (Approx)
Weight	: 5 kgs. (Approx)