

**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

<b>Linear measurement range</b>	: 0.000 to 3.000 absorbance units (A)
<b>Photometric accuracy</b>	: $\pm 2\%$ or 0.007 whichever is higher, from 0 to 1.5 A, $\pm 3\%$ from 1.5 A to 3.0 A

<b>Optical measurement</b>	: Photodiode
<b>Light Source</b>	: Tungsten halogen

### FILTERS

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

### FLOW CELL

<b>Sipping volume</b>	: upto 1000 $\mu$ l
<b>Triple cuvette system</b>	: 18 $\mu$ l flow cell 10 mm square cuvette Round tube for coagulation

### MEMORY

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

### ANALYSIS MODES

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

### DISPLAY

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

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

### STORAGE CONDITIONS

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