

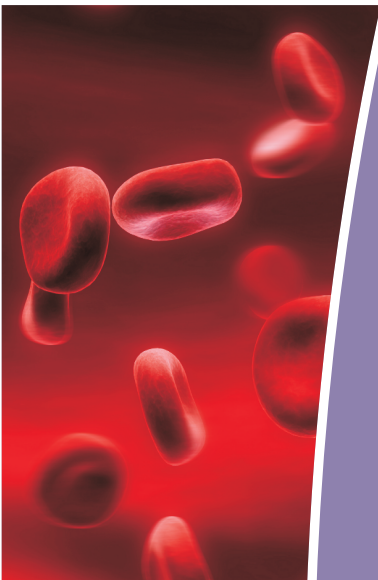
BC-1800

Auto Hematology Analyzer

Services Beyond Your Imagination



Sturdy Performance in Hematology Automation



Best Distributor Award
World Wide from Mindray



mindray

"Think Hematology ! Think Vector..."

BC-1800

Auto Hematology Analyzer

- ✓ 3 Part differentiation of WBC; 19 parameters + 3 histograms
- ✓ 2 Counting modes: whole blood and prediluted
- ✓ Throughput - 60 samples per hour
- ✓ Automatic diluting, lysing, mixing, rinsing and clog-clearing
- ✓ Up to 20,000 sample results (including histogram) can be stored
- ✓ Built in thermal recorder, optional external printer
- ✓ Bar code scanner optional
- ✓ Reagent expired alarm
- ✓ Large color LCD display

**Low Cost
and Affordable**

**Flexible
and Easy to use**

**High Accuracy
and Reliability**

**Comprehensive
Software functions**



Low Cost and Affordable

- It is one of the most cost effective Fully Auto Hematology Analyzer worldwide.

High Accuracy and Reliability

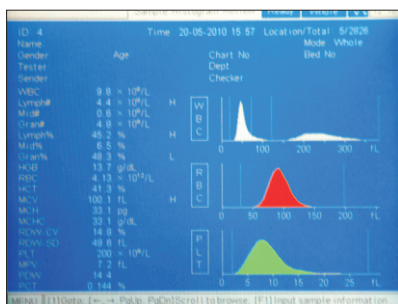
- Many state of the art technologies such as float discriminator are adopted to ensure top performance.
- High precision hemilton syringes for accurate & reproducible results

Flexible and Easy to use

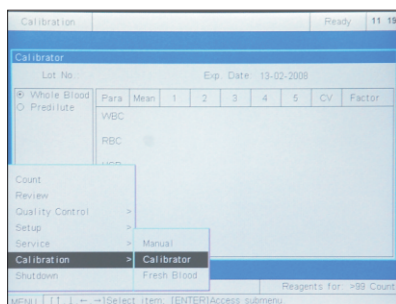
- User friendly software, easy to operate and flexible.

Comprehensive Software functions

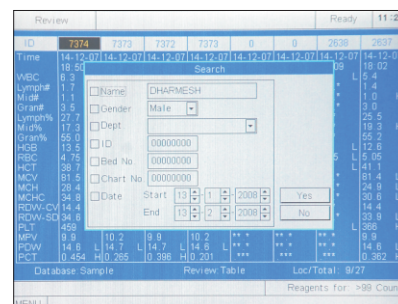
- A Fully Auto analyzer with high end software providing reliable results and great comfort to users.



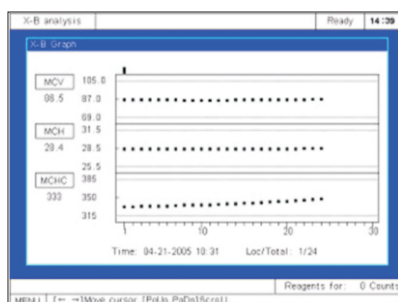
- Large colour LCD display, 19 parameters and 3 Histograms (visualized and printed)



- Automatic calibration program



- Comprehensive patient data search function



- Comprehensive QC programs including L-J and X-B analysis; Up to 9 controls lots - 31 runs/file



- Multiple printout format options

BC-1800

Auto Hematology Analyzer

Technical Specifications

Parameters

WBC, Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT and Histogram for WBC, RBC, PLT

Principles

Electrical resistance for counting and SFT method for hemoglobin

Performance

Parameter	Linearity Range	Precision (CV%)
WBC($10^9/L$)	0.0 - 99.9	2.5 (7.0-15.0)
RBC($10^{12}/L$)	0.00 - 9.99	2 (3.50-6.00)
HGB(g/L)	0 - 300	1.5 (110-180)
MCV(fL)	40 - 150	0.5 (80.0-110.0)
PLT($10^9/L$)	10 - 999	5 (200-500)

Sample Volume

Prediluted	20 μ l
Whole blood	13 μ l

Aperture Diameter

WBC	100 μ m
RBC/PLT	70 μ m

Dilution Ratio

	Whole Blood	Capillary Blood
WBC	1:304	1:293
RBC/PLT	1:44833	1:44402

Throughput

60 Samples per hour

Display

Large color LCD display
Resolution:800x600

Alerts

41 sets of alert message

Menu

Count, Mode, Review, Quality Control, Setup, Service, Calibration, Help, Shutdown

Carryover

WBC, RBC, HGB,<0.5%, PLT<1%

Input/Output

RS232x2, 1 Parallel printer(optional), 1 bar code scanner(optional), 1 keyboard interface

Printout

Thermal recorder, 50 mm wide paper, various printout formats, printer optional

Operating Environment

Temperature	15 $^{\circ}$ C - 30 $^{\circ}$ C
Humidity	30% - 85%

Power requirement

AC 100V - 240V, 50/60Hz

Dimension

390(W)x460(H)x390(D)

Weight

25kg



Exclusively Marketed in India by:
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