

# BC-2300

Hematology Analyzer

Service Beyond Your Imagination



TIME TESTED PERFORMANCE IN HEMATOLOGY AUTOMATION

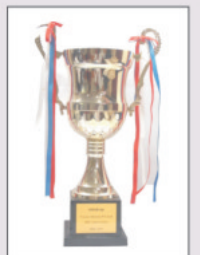


Exclusive dealer of largest selling units in its segment with more than 4500 satisfied customers.

Best Distributor Award  
World Wide from Mindray



**mindray**

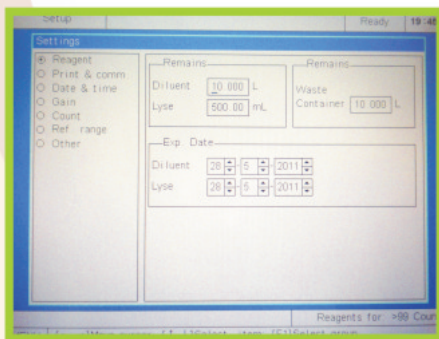


10 Years of  
Successful Alliance

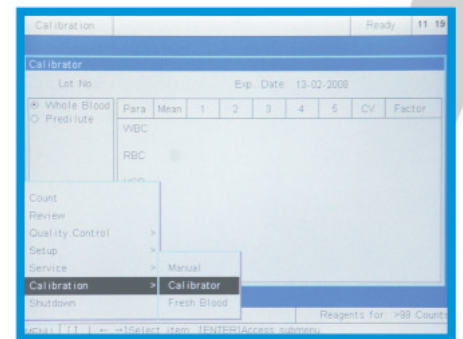
"Think Hematology ! Think Vector..."



- Compact sized and cost effective
- 3 Part Differentiation of WBC, 19 Parameters + 3 Histograms
- 2 Counting mode : Whole blood and prediluted
- Throughput : 30 Samples per hour
- Automatic clog removal and automatic recount function
- Up to 20,000 patient results (including histograms) can be stored
- Built in diluter and thermal recorder
- Color LCD display
- Plug and play external printer



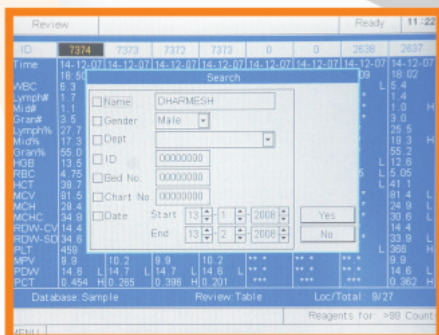
Reagent Management System



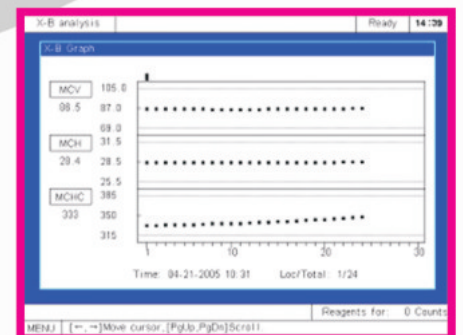
Automatic calibration program



Multiple printout format options



Comprehensive patient data search function



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



- It is one of the most cost effective Hematology Analyzer in this range worldwide.

**Low Cost  
and Affordable**



- Evolving from manual to automated era, enjoying the pleasure of trouble free workflow.

**Flexible and  
Easy to use**



- A compact analyzer with High end software providing greatest comfort to users.

**Comprehensive  
Software  
functions**



- Many state of arts technologies such as float discriminator are adopted to ensure top performance.

**High Accuracy  
and Reliability**

# BC-2300

## Hematology Analyzer

### Technical Specifications

#### Parameters :

WBC - Lymph# - Mid# - Gran# - Lymph% - Mid% - Gran% - RBC - HGB - HCT - MCV - MCH - MCHC - RDW - SD, RDW - CV, PLT - MPV - PCT - PDW 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	3.0 (7.0-15.0)
RBC ( $10^{12}/L$ )	0.20-9.99	3.0 (3.50-6.00)
HGB (g/L)	10-250	2.0 (110-180)
MCV (fL)		1.0(80.0-110.0)
PLT( $10^9/L$ )	10-999	6.0 (150-300)

#### Sample Volume :

Prediluted	20 $\mu$ l
Whole Blood	20 $\mu$ l

#### Aperture Diameter :

WBC/RBC	80 $\mu$ m
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#### Throughput :

30 Samples per hour

#### Display :

Large color LCD display  
Resolution : 640x480

#### Menu :

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

#### Carryover :

WBC, RBC, HGB, PLT <2%

#### Input/Output :

RS232x2, 1 Parallel Printer (optional), 1 Keyboard interface

#### Printout :

Thermal recorder, various printout formats, printer 50 mm wide paper.  
Optional external printer

#### Operating Environment :

Temperature	15°~30° C
Humidity	30%~85%

#### Power Requirement :

100-240V ~ 50/60Hz

#### Dimension :

400 (W) x 460 (H) x 390 (D)

#### Weight :

17.9 Kg.



Manufactured By :

**mindray**

Website : [www.mindray.com](http://www.mindray.com)



Exclusively Marketed in India by:  
**VECTOR BIOTEK PVT. LTD.**

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