



# BC-2300

## Hematology Analyzer

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- Compact sized and cost effective
- 3-part differentiation of WBC, 19 parameters + 3 histograms
- 2 counting modes: Whole blood and prediluted
- Throughput: 30 samples per hour
- Automatic clog removal and recount function
- Up to 10,000 patient results (including histograms) can be stored
- Built in diluter and thermal recorder
- Color LCD display

## Low Cost and Affordable

Probably it is one of the most cost effective hematology analyzer in this range worldwide



## Flexible and Easy To Use

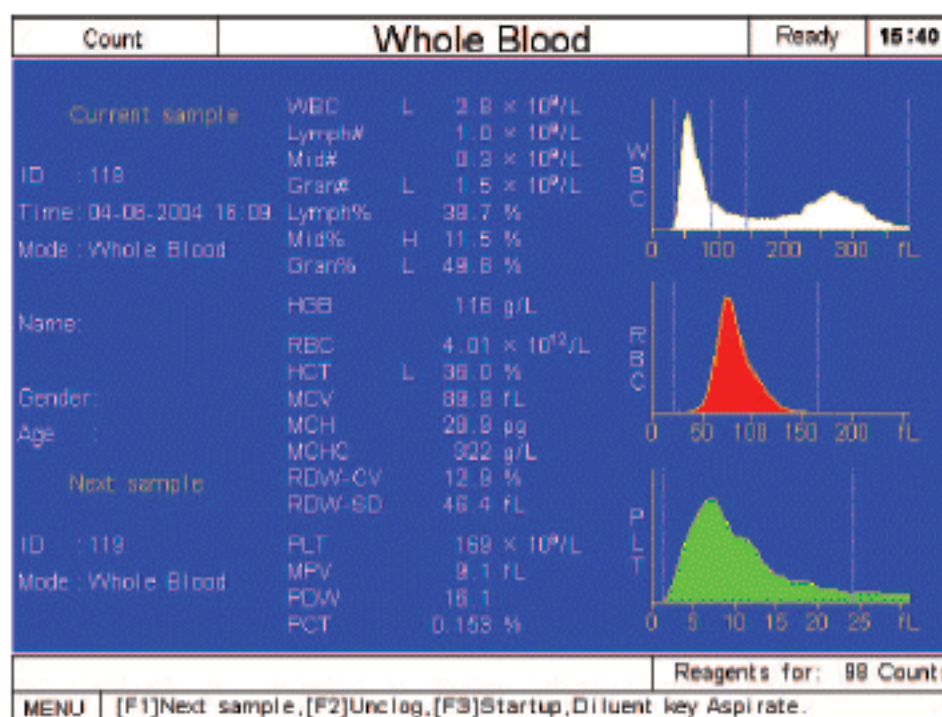
Evolving from manual to automated era, enjoying the pleasure of troubles workflow

## High Accuracy and reliability

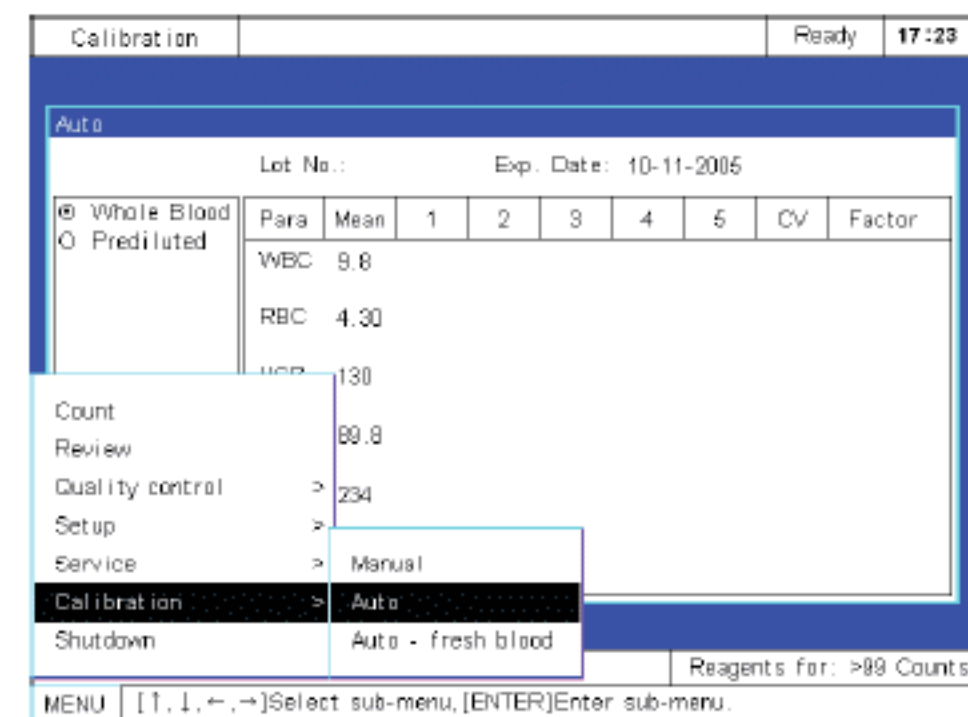
Many state of arts technologies such as float discriminator are adopted to ensure top performance

## Comprehensive Software Functions

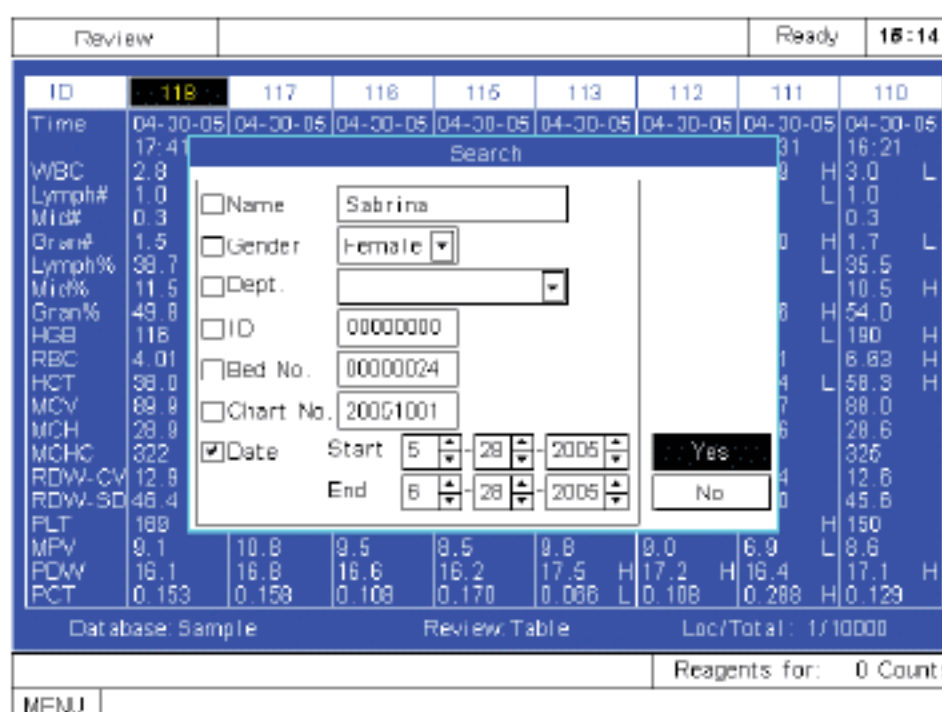
A small analyzer with high end software only found in sophisticated instruments, providing greatest comfort to professionals



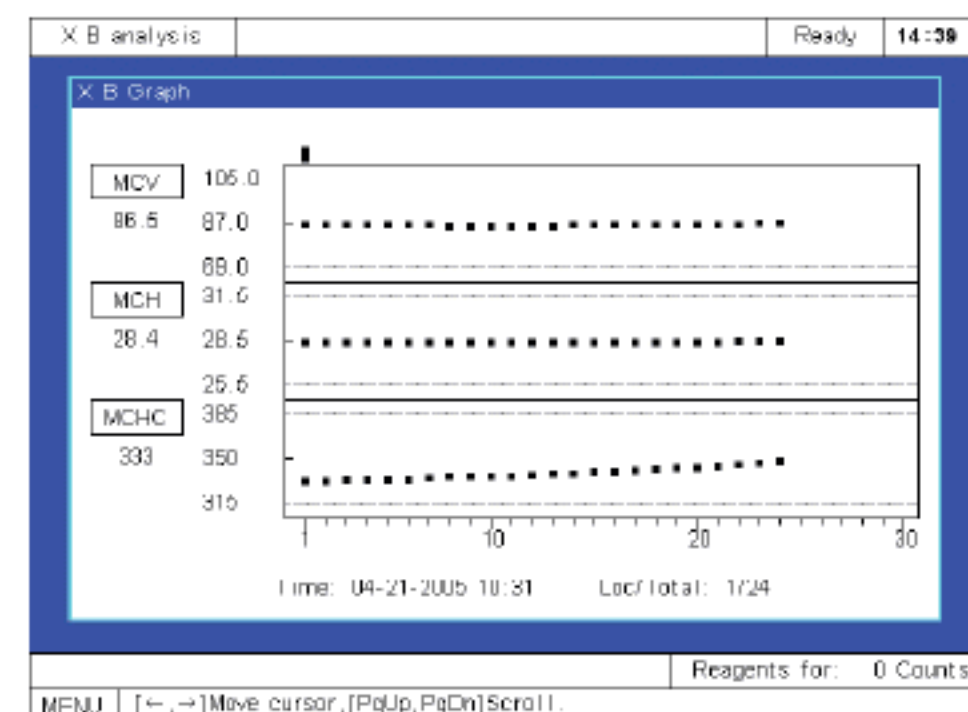
Large Color LCD display, 19 parameters and 3 histograms (visualized and printed)



Automatic calibration programm



Comprehensive patient data search function



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

# BC-2300

## Hematology Analyzer

### Technical Specifications:

#### Principles

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

#### Principles

Electrical resistance for counting and cyanide free method for hemoglobin

#### Performance

Parameter	Linearity	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	3.0(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: 640 x 480

#### Menu

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

#### Carryover

WBC, RBC, HGB, PLT < 2%

#### Input/Output

RS 232 x 2, 1 parallel printer(optional), 1 keyboard interface

#### Printout

Thermal recorder, printer 50 mm wide paper, multitude of printout formats, optional external printer

#### Operating Environment

Humidity 30%~85%

#### Power Requirement

AC 100-240V, 50/60Hz

#### Dimension

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

#### Weight

17.9 kg

**mindray**

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