



BC-2300
Hematology Analyzer



- 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 10,000 patient results (including histograms) can be stored
- Built in diluter and thermal recorder
- Color LCD display

Low Cost and Affordable

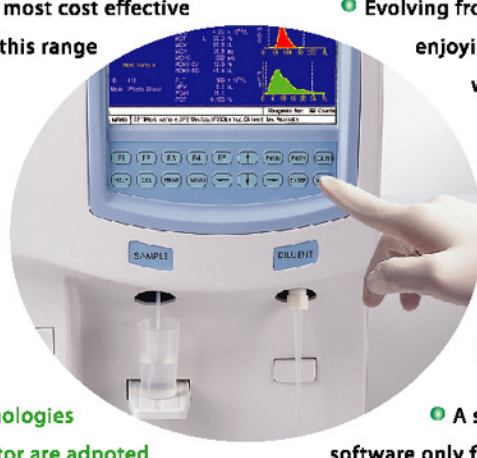
- Probably it is one of the most cost effective hematology analyzer in this range worldwide

Flexible and Easy To Use

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

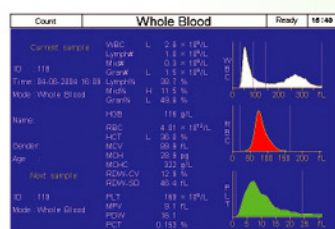
High Accuracy and Reliability

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

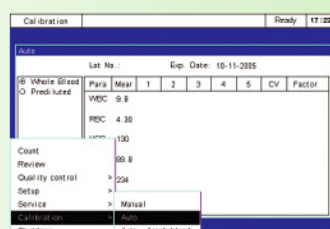


Comprehensive Software Functions

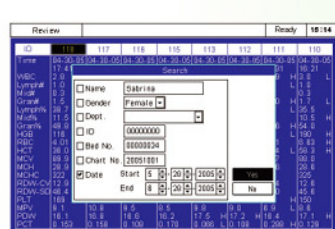
- A small analyzer with high end software only found in sophisticated instruments, providing greatest comfort to professionals



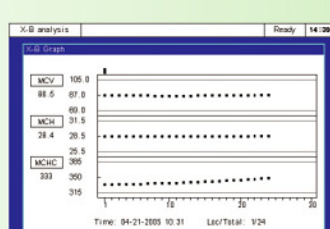
● Large color LCD display, 19 parameters and 3 histograms (visualized and printed)



● Automatic calibration program



● 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

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	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 20µl
Whole blood 20µl

Aperture Diameter

WBC /RBC 80µm

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, 1parallel printer(optional), 1 keyboard interface

Printout

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

Operating Environment

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

Power Requirement

100-240V~50/60Hz

Dimension

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

Weight

17.9kg

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