



BC-2300

Hematology Analyzer

- 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

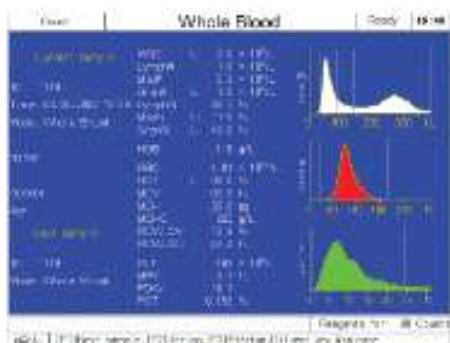
Evolving from manual to automated era, enjoying the pleasure of troubles workflow

High Accuracy and reliability

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

Comprehensive Software Functions

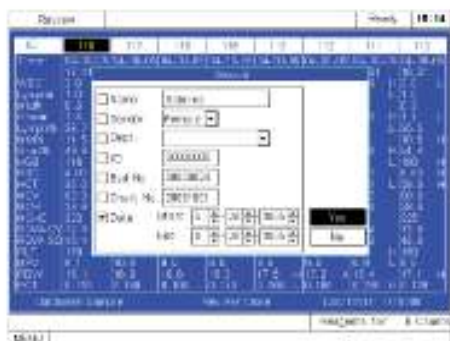
A small analyzer with high end software only found in sophisticated instruments, providing greatest comfort to professionals



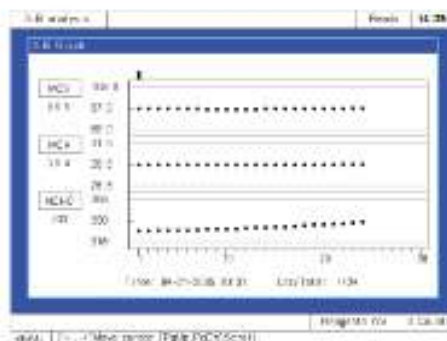
Large Color LCD display, 19 parameters and 3 histograms (visualized and printed)



Automatic calibration program



Comprehensive patient data search function



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

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	6.0(150~300)

Sample Volume

Prediluted	20 μ L
Whole blood	20 μ L

Aperture Diameter

WBC/RBC	80 μ 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

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

Power Requirement

AC 100-240V, 50/60Hz

Dimension

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

Weight

17.9 kg

