



BC-3000Plus

Auto Hematology Analyzer

mindray

healthcare within reach

BC-3000Plus

Auto Hematology Analyzer

Quality assurance from the world's foremost manufacturer of 3 part differential hematology analyzers



- 3-part differential of WBC ; 19 parameters + 3 histograms
- 2 counting modes : whole blood and prediluted
- Throughput : 60 samples per hour
- Automatic diluting , lysing , mixing , rinsing and unclogging
- Automatically cleaning sampling probe
- Up to 35000 sample results (including histograms) can be stored
- Built-in thermal recorder, optional external printer
- Bar code scanner optional
- Large color LCD display

Safe and Easy To Use

- Press one button and the result will be ready in a minute
- User friendly interface makes for ease of use
- Original cyanide free reagents ensure safe , Biohazard free operation



Economical

- Low sampling volume : 13ul whole blood per test
- Auto cleaning system minimizes maintenance requirement

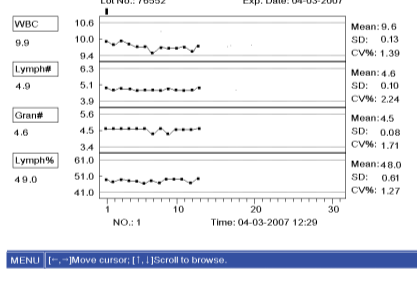


High Reliability and Accuracy

- Comprehensive QC programs including L - J , X̄ , X̄-Rand X-Banalyses
- Fully automatic calibration
- Unique fresh-blood calibration program

Powerful Customized Software Design

- Huge storage of 35 , 000 patient results with histograms
- Convenient patient data review modes
- Programmable print formats



ID	TS	TS	TS	TS	TS
Temp	36.5	36.5	36.5	36.5	36.5
Lymph#	1.1	1.1	1.1	1.1	1.1
Gran#	1.1	1.1	1.1	1.1	1.1
Mid#	1.1	1.1	1.1	1.1	1.1
MPV	1.1	1.1	1.1	1.1	1.1
PLT	1.1	1.1	1.1	1.1	1.1
RDW	1.1	1.1	1.1	1.1	1.1
MCV	1.1	1.1	1.1	1.1	1.1
MCH	1.1	1.1	1.1	1.1	1.1
MCHC	1.1	1.1	1.1	1.1	1.1
RDW-SD	1.1	1.1	1.1	1.1	1.1
PLT	1.1	1.1	1.1	1.1	1.1
MPV	1.1	1.1	1.1	1.1	1.1
PDW	1.1	1.1	1.1	1.1	1.1
PCT	1.1	1.1	1.1	1.1	1.1

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Technical Specifications:

Parameters

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

Principles

Electrical impedance method for counting and cyanide free method for hemoglobin

Performance

Parameter	Linearity Range	Precision (CV %)
WBC (10 ⁹ / L)	0.3-99.9	2.5 (7.0-15.0)
RBC (10 ¹² / L)	0.20 - 8.00	2 (3.50 - 6.00)
HGB (g / L)	10-250	1.5 (110 - 180)
MCV (fL)		0.5 (80.0-11 0.0)
PLT (10 ⁹ / L)	10-999	5 (150-500)

Sample Volume

Prediluted 20 μL
Whole blood 13 μL

Aperture Diameter

WBC 100 μm
RBC / PLT 70 μm

Dilution Ratios

	Whole Blood	Capillary Blood
WBC / HGB	1 : 308	1 : 428
RBC / PLT	1:44872	1:43355

Throughput

60 samples per hour

Display

Large color LCD display Resolution : 800 x 700

Alarms

41 error messages

Carryover

WBC , RBC , HGB ≤ 0.5% , PLT ≤ 1 %

Input output

RS232 x 2 , 1 parallel printer (optional) , 1 bar code scanner (optional)
1 keyboard interface

Printout

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

Operating Environment

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

Power Requirement

AC 100-240V , 50/60Hz

Dimension

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

Weight

2.1 Kg

DISTRIBUTOR:



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