



## 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

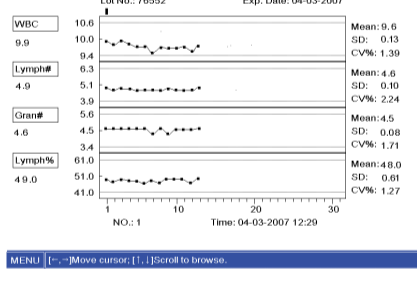


### High Reliability and Accuracy

- 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
1	182	182	182	182	182
2	172	182	182	175	187
3	150	182	182	150	187

## BC-3000Plus Auto Hematology Analyzer

### 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 <sup>9</sup> / L )	0.3-99.9	2.5 ( 7.0-15.0 )
RBC ( 10 <sup>12</sup> / 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 <sup>9</sup> / 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 760

#### 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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