



BC-20s

Auto Hematology Analyzer

- Fully automated, compact & cost effective
- 3 part differentiation of WBC : 21 parameters+3 Histograms
- 8.4" TFT touch screen
- Throughput 40 test/hour
- Diluent temperature control system improves the differentiation results
- Bidirectional LIS communication - WIFI signal recognition & LAN Port
- Detailed flag message for pre-diagnostics
- Sample type : whole blood, pre-diluted and capillary mode for whole blood
- 200,000 results storage with histograms
- Compact in size

1 Flag abnormal sample on display

2 Pre-heater

3 Dual Chamber

4 Rodent proof design

mindray
healthcare within reach

BC-20s

Auto Hematology Analyzer

Technical Specifications

Principles

Impedance method for WBC, RBC and PLT counting

Cyanide free reagent for hemoglobin test

Performance

| Parameter | Linearity Range | Precision (CV %) | Carryover |
|--------------------|-----------------|------------------------|-------------|
| WBC($10^9/L$) | 0-100 | $\leq 2\%$ (7.0-15.0) | $\leq 0.5C$ |
| RBC($10^{12}/L$) | 0-8.00 | $\leq 1.5\%$ (3.5-6.5) | $\leq 0.5C$ |
| HGB(g/L) | 0-280 | $\leq 1.5\%$ (100-180) | $\leq 0.5C$ |
| PLT($10^9/L$) | 0-1000 | $\leq 4.0\%$ (150-500) | $\leq 1.0C$ |

Parameters

19 parameters: WBC, Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran%, RBC,

HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT

3 histograms for WBC, RBC and PLT

Reagent

M-30D DILUENT

M-30CFL LYSE

PROBE CLEANSER

Sample Volume

Prediluted mode 20 μ L

Whole blood mode 9 μ L

Throughput

40 samples per hour

Display

8.4 inch TFT Touch Screen

Data Storage Capacity

Up to 200,000 results including numeric and graphical information

Communication

LAN Port supports HL7 protocol

Support bi-directional LIS

Interface

4 USB port (for external printer, software upgrade, barcode reader, external WIFI, keyboard and mouse), LAN port (1)

Printout

Thermal recorder, 50 mm wide paper, various printouts formats

External printer optional

Operating Environment

Temperature: 10°C~35°C

Humidity: 10%~90%

Air pressure: 70kPa~106kPa

Power Requirement

100V-240V

$\leq 300VA$

50Hz/60Hz

Dimension and Weight

Dimension: Depth(410 mm) x width(300 mm) x height(400 mm)

Weight: $\leq 20Kg$

Authorized Distributor



No. 83 (Old No. 33) New Boag Road
Opp. Kannammamet Corporation School
T.Nagar, Chennai - 600 017

Tamilnadu, India

Tel : +91 44 2433 2994

Fax : +91 44 4286 8378

Toll Free: 1800-420-4444

Email : info@goldenharvestindustries.com

The logo for Mindray, consisting of the word 'mindray' in a bold, lowercase, red sans-serif font.

Mindray is listed on the NYSE under the symbol "MR"

Mindray Building, Keji 12th Road South, High-tech Industrial Park,
Nanshan, Shenzhen 518057, P.R. China

Tel: +86 755 26582888 Fax: +86 755 26582680

E-mail: intl-market@mindray.com Website: www.mindray.com