



BC-3200

Auto Hematology Analyzer



healthcare within reach

BC-3200

Auto Hematology Analyzer



- Closed tube sampling
- Sampling with 4 position tube holder
- Micro sampling of 13 μ L
- 3-part differential, 19 parameters + 3 histograms
- Up to 60 samples per hour
- Large color LCD display
- Data storage of 35,000 samples with histogram

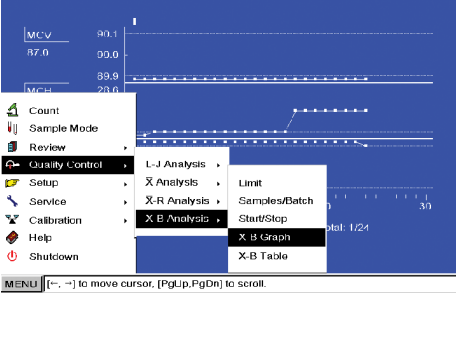
Flexible and Easy To Use

- Fully automatic analysis cycle
- Intelligent alarm to avoid wrong tube
- Automatic internal and external needle cleaning



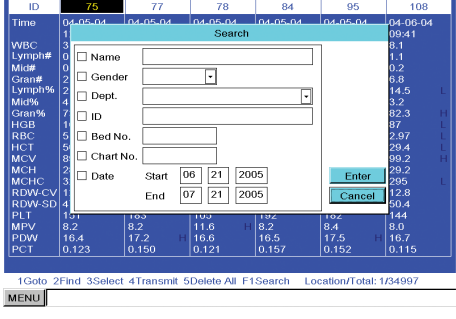
High Reliability and Safety

- Sampling on closed tube to avoid biohazard
- Automatic protection when chamber door is open
- Cyanide-free reagent to protect environment



Total Solution for QC and Calibration

- Comprehensive QC programs including L-J, $\bar{X}$, $\bar{X}$ -R and X-B analysis
- Up to 9 QC file-31 runs / file
- Fully automatic calibration
- Unique calibration program with fresh blood



Powerful Customizable Software Design

- Huge storage of 35,000 patient results with histogram
- Convenient patient data review
- Programmable multi-format printout
- Fully automatic daily maintenance program

BC-3200

Auto 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 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)	0.20~8.0	2 (3.5~6.0)
HGB (g / L)	10~250	1.5(110-180)
MCV (fL)		0.5(80.0~110.0)
PLT (10^9 / L)	10~99.9	5(150~500)

Sample Volume

Prediluted 20 μ L
Whole Blood 13 μ L

Sample processing

On closed tube with 4 position tube holder (QC, 1.5mL, 3mL, 5mL)

Aperture Diameter

WBC 100 μ m
RBC/PLT 70 μ m

Dilution Ratios

	Whole Blood	Capillary Blood
WBC	1:308	1:546
RBC/PLT	1:44872	1:45827

ThroughPut

60 samples per hour

Display

Large Color LCD display
Resolution : 800 x 600

Alerts

45 sets of alert message

Menu

Count, Sample Mode, Review, Quality Control, Setup, Service, Calibration, Help, Shutdown

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, 50mm 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

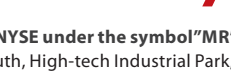
Dimension

457mm (H) x 391mm (W) x 425mm (D)

Weight

25 Kg

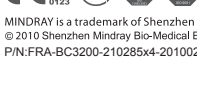
DISTRIBUTOR:



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



MINDRAY is a trademark of Shenzhen Mindray Bio-Medical Electronics Co., Ltd. Specifications subject to changes without prior notice.
© 2010 Shenzhen Mindray Bio-Medical Electronics Co., Ltd. All rights reserved.
P/N: FRA-BC3200-21028544-20100203