



BC-3600 NEW
Auto Hematology Analyzer

Pleasant Experience in Hematology Testing

mindray
healthcare within reach

Surpassing Performance

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Expanded Linearity and Enhanced Performance

Advanced counting technology and dynamic tracking technology expands the linearity and enhances accuracy significantly. Robust signal frequency analysis method minimizes interruption and delivers accurate PLT counting.

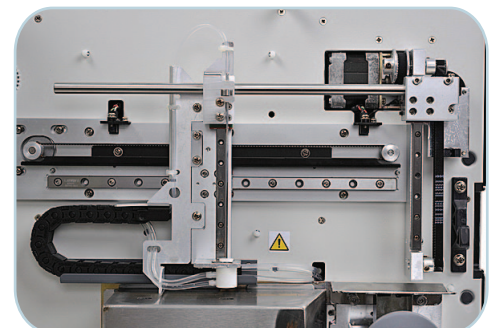
Superior Reagents, Quality Controls and Calibrators

High quality original reagents, calibrators and controls offer a complete system for our users. Cyanide free reagents allow laboratories to meet necessary environmental regulations. Complete traceability system ensures closest consistency with standard methods.



High Quality Design

New internal structural design separates electronic components from the fluidic system, decreasing interference while at the same time allowing for easier maintenance.



BC-3600

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, P-LCR, P-LCC and histogram for WBC, RBC, PLT

Principles

Electrical resistance for counting WBC, RBC and PLT and cyanide free method for hemoglobin

Performance

| Parameter | Linearity Range | Precision (CV%) |
|---------------------|-----------------|-----------------|
| WBC ($10^9/L$) | 0-300 | 2.5(7.0-15.0) |
| RBC ($10^{12}/L$) | 0-8.00 | 2(3.50-6.5) |
| HGB (g/L) | 0-280 | 1.5(100-180) |
| MCV (fL) | | 0.5(80.0-110.0) |
| PLT ($10^9/L$) | 0-3000 | 4(150-500) |

Sample Volume

| | |
|-------------|------------|
| Prediluted | 20 μ L |
| Whole Blood | 17 μ L |

Throughput

60 samples per hour

Display

Large color touch screen
Resolution: 800x600

Carryover

WBC, RBC, HGB < 0.5%, PLT < 1.0%

Connectivity

4 USB port (for external printer, software upgrade, barcode reader, keyboard and mouse), LAN port (1), RS232 (1)

Printout

Thermal recorder, 50mm width paper, various printout formats, external printer optional

Operating Environment

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

Power requirement

AC 100-240V, 50/60 \pm 1Hz

Dimension

395mm (H) x 450mm (W) x 445mm (D)

Configuration

Open vial or closed sampling optional

Weight

28kg

DISTRIBUTOR:



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