

Surpassing Performance

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BC-3600

Automatic Hematology Analyzer

Technical Specifications

Parameters

WBC, Lymphocyte #, Monocyte #, Granulocyte #, Lymphocyte %, Monocyte %, Granulocyte %, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC, Absolute Neutrophil, WBC, RBC, PLT

Performance

Excellent accuracy and precision, high throughput, low reagent consumption, easy to use, compact design, small footprint, low maintenance, low cost of ownership

Performance

Parameter	Reference Range	Precision (CV%)
WBC (10 ⁹ /L)	0-200	2.5(7.0-15.0)
RBC (10 ¹² /L)	0-8.00	2(3.50-6.50)
HGB (g/L)	0-280	1.5(100-180)
MCV (fL)		1.0(80.0-110.0)
PLT (10 ⁹ /L)	0-3000	4(150-500)

Sample Volume

Precursor: 20-40 μL
Whole Blood: 17-40 μL

Throughput

60 samples per hour

Dimensions

Label: 395(W) x 450(D) x 255(H) mm
Reagent: 800 x 600 mm

Capacity

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

Connectivity

4 USB ports (for data transfer, barcode reader, barcode printer, barcode scanner), LAN (1), RS232 (1)

Power

Temperature: 5-30°C, Humidity: 30-85% RH, Power: 395(W), 450(D), 255(H)

Operating Environment

Temperature: 15-30°C
Humidity: 30-85%

Power Requirements

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

Dimensions & Weight

395 (W), 450 (D), 255 (H), 25kg

Capacity

Operating Capacity: 60 samples per hour

QC

Standard: 800 x 600 mm

Easy to Use

Automatic sample loading, automatic reagent loading, automatic calibration, automatic QC, automatic result printing, automatic data storage, automatic power management, automatic maintenance, automatic cleaning, automatic waste disposal, automatic safety, automatic security, automatic backup, automatic recovery, automatic restart, automatic shutdown, automatic power off, automatic power on, automatic power reset, automatic power lock, automatic power unlock, automatic power save, automatic power restore, automatic power monitor, automatic power control, automatic power management, automatic power optimization, automatic power efficiency, automatic power conservation, automatic power reduction, automatic power saving, automatic power saving mode, automatic power saving settings, automatic power saving options, automatic power saving features, automatic power saving benefits, automatic power saving advantages, automatic power saving disadvantages, automatic power saving drawbacks, automatic power saving limitations, automatic power saving restrictions, automatic power saving conditions, automatic power saving requirements, automatic power saving specifications, automatic power saving standards, automatic power saving guidelines, automatic power saving best practices, automatic power saving tips, automatic power saving tricks, automatic power saving hacks, automatic power saving shortcuts, automatic power saving keyboard shortcuts, automatic power saving mouse shortcuts, automatic power saving touch shortcuts, automatic power saving voice shortcuts, automatic power saving gesture shortcuts, automatic power saving eye-tracking shortcuts, automatic power saving facial recognition shortcuts, automatic power saving biometric shortcuts, automatic power saving behavioral shortcuts, automatic power saving contextual shortcuts, automatic power saving adaptive shortcuts, automatic power saving personalized shortcuts, automatic power saving customizable shortcuts, automatic power saving dynamic shortcuts, automatic power saving intelligent shortcuts, automatic power saving smart shortcuts, automatic power saving predictive shortcuts, automatic power saving proactive shortcuts, automatic power saving reactive shortcuts, automatic power saving responsive shortcuts, automatic power saving real-time shortcuts, automatic power saving live shortcuts, automatic power saving instant shortcuts, automatic power saving immediate shortcuts, automatic power saving on-demand shortcuts, automatic power saving just-in-time shortcuts, automatic power saving just-in-case shortcuts, automatic power saving just-in-need shortcuts, automatic power saving just-in-time shortcuts, automatic power saving just-in-case shortcuts, automatic power saving just-in-need shortcuts

Simple Reagent, Quality Control

High accuracy, low reagent consumption, easy to use, compact design, small footprint, low maintenance, low cost of ownership, automatic calibration, automatic QC, automatic result printing, automatic data storage, automatic power management, automatic maintenance, automatic cleaning, automatic waste disposal, automatic safety, automatic security, automatic backup, automatic recovery, automatic restart, automatic shutdown, automatic power off, automatic power on, automatic power reset, automatic power lock, automatic power unlock, automatic power save, automatic power restore, automatic power monitor, automatic power control, automatic power management, automatic power optimization, automatic power efficiency, automatic power conservation, automatic power reduction, automatic power saving, automatic power saving mode, automatic power saving settings, automatic power saving options, automatic power saving features, automatic power saving benefits, automatic power saving advantages, automatic power saving disadvantages, automatic power saving drawbacks, automatic power saving limitations, automatic power saving restrictions, automatic power saving conditions, automatic power saving requirements, automatic power saving specifications, automatic power saving standards, automatic power saving guidelines, automatic power saving best practices, automatic power saving tips, automatic power saving tricks, automatic power saving hacks, automatic power saving shortcuts, automatic power saving keyboard shortcuts, automatic power saving mouse shortcuts, automatic power saving touch shortcuts, automatic power saving voice shortcuts, automatic power saving gesture shortcuts, automatic power saving eye-tracking shortcuts, automatic power saving facial recognition shortcuts, automatic power saving biometric shortcuts, automatic power saving behavioral shortcuts, automatic power saving contextual shortcuts, automatic power saving adaptive shortcuts, automatic power saving personalized shortcuts, automatic power saving customizable shortcuts, automatic power saving dynamic shortcuts, automatic power saving intelligent shortcuts, automatic power saving smart shortcuts, automatic power saving predictive shortcuts, automatic power saving proactive shortcuts, automatic power saving reactive shortcuts, automatic power saving responsive shortcuts, automatic power saving real-time shortcuts, automatic power saving live shortcuts, automatic power saving instant shortcuts, automatic power saving immediate shortcuts, automatic power saving on-demand shortcuts, automatic power saving just-in-time shortcuts, automatic power saving just-in-case shortcuts, automatic power saving just-in-need shortcuts



High Quality Design

Next generation technology, easy to use, compact design, small footprint, low maintenance, low cost of ownership, automatic calibration, automatic QC, automatic result printing, automatic data storage, automatic power management, automatic maintenance, automatic cleaning, automatic waste disposal, automatic safety, automatic security, automatic backup, automatic recovery, automatic restart, automatic shutdown, automatic power off, automatic power on, automatic power reset, automatic power lock, automatic power unlock, automatic power save, automatic power restore, automatic power monitor, automatic power control, automatic power management, automatic power optimization, automatic power efficiency, automatic power conservation, automatic power reduction, automatic power saving, automatic power saving mode, automatic power saving settings, automatic power saving options, automatic power saving features, automatic power saving benefits, automatic power saving advantages, automatic power saving disadvantages, automatic power saving drawbacks, automatic power saving limitations, automatic power saving restrictions, automatic power saving conditions, automatic power saving requirements, automatic power saving specifications, automatic power saving standards, automatic power saving guidelines, automatic power saving best practices, automatic power saving tips, automatic power saving tricks, automatic power saving hacks, automatic power saving shortcuts, automatic power saving keyboard shortcuts, automatic power saving mouse shortcuts, automatic power saving touch shortcuts, automatic power saving voice shortcuts, automatic power saving gesture shortcuts, automatic power saving eye-tracking shortcuts, automatic power saving facial recognition shortcuts, automatic power saving biometric shortcuts, automatic power saving behavioral shortcuts, automatic power saving contextual shortcuts, automatic power saving adaptive shortcuts, automatic power saving personalized shortcuts, automatic power saving customizable shortcuts, automatic power saving dynamic shortcuts, automatic power saving intelligent shortcuts, automatic power saving smart shortcuts, automatic power saving predictive shortcuts, automatic power saving proactive shortcuts, automatic power saving reactive shortcuts, automatic power saving responsive shortcuts, automatic power saving real-time shortcuts, automatic power saving live shortcuts, automatic power saving instant shortcuts, automatic power saving immediate shortcuts, automatic power saving on-demand shortcuts, automatic power saving just-in-time shortcuts, automatic power saving just-in-case shortcuts, automatic power saving just-in-need shortcuts



www.mindray.com

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BC-3600 Auto Hematology Analyzer

Lab da a... a... d... f... a... c... d... ab... a... b... d...
 c... a... f... a... a... a... ab... d... a... a...
 c... d... g... a... d... W... d... a... d... c... d... f... d... a... d...
 a... f... da... f... BC-3600.C... a...
 a... c... da... c... a... f... c... f... a...
 BC-3600, a... f... a... ab... a... d... c...

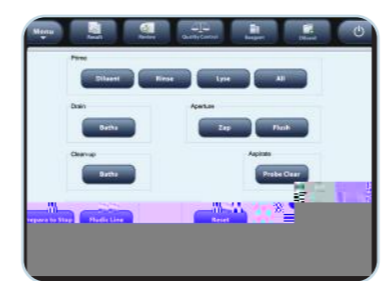
- CBC+3-DIFF, 21 a... +3... a...
- T... :60 a...
- I... a... TFT... c...
- E... d... a... b... c...
- O... a... d... a...
- 40,000... a...
- O... a... QC, ca... b... a... d... a...



Intuitive and Powerful Software

T... a... d... f... a... f... a... a...
 a... d... a... c... f... a... c... d...
 a... d... c... a... S... c...
 a... c... a... d... c... D... a... b...
 a... d... a... WBC, RBC a... d... PLT... c... a... A... a... c...
 a... a... c... a... ca... b... c... d... b... d... b... c... c...
 a... a... a... ca... b... c... d... b... c... c...

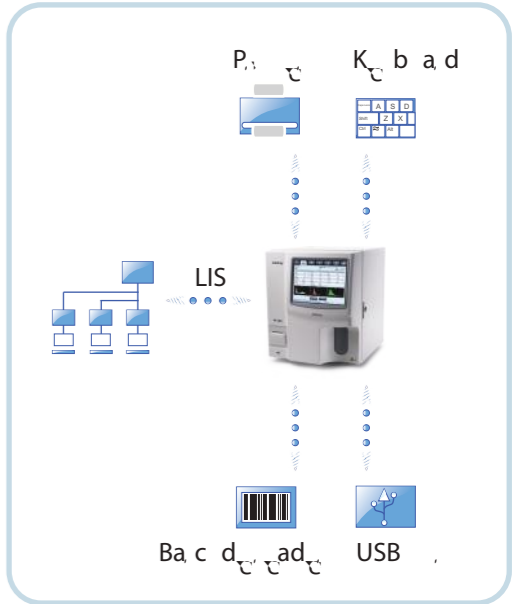
Parameter	Result	Unit	Reference
WBC	4.8	10 ⁹ /L	4.0 - 10.0
RBC	5.52	10 ¹² /L	4.5 - 5.5
PLT	165	10 ⁹ /L	150 - 400
HGB	145	g/L	120 - 160
MPV	9.4	fL	8.0 - 10.0
HCT	0.426	L	0.37 - 0.47
RDW	16.1	%	11.5 - 14.5
MCV	86.9	fL	80 - 100
RDW-CV	17.4	%	11.5 - 14.5
PLCC	58	%	30 - 60
PLCR	0.312	L	0.2 - 0.4
RDW-SD	41.8	fL	35 - 55



User-friendly User-friendly

Complete Data Communication

I... a... d... HL7 c... ca... c... a...
 LIS c... ca... a... A... d... c... f...
 f... a... a... a... ab... c... d... RS232
 f... c... c... c... , USB, f... QC a... a...
 a... ad, ba... c... d... ca... a... d... b... a... d...
 c... c...



Intelligence and Efficiency

E... c... ZAP a... d... d... c... c... c... . F... c... d...
 a... y... d... 3... f... b... a... d... a... d... d... a... f... d... d... a...
 ab... a... d... W... m... e... d... f... c... y... ca... c... c...
 a... c... a... d... a... c... f... a...

