

BC-760

Auto Hematology Analyzer with ESR

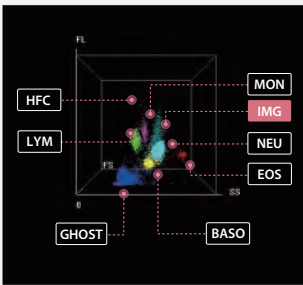
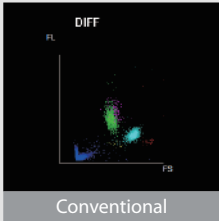
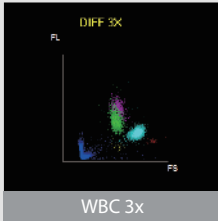
Above and Beyond



BC-760 Auto Hematology Analyzer with ESR

• • • Above your expectations

- SF Cube fluorescent technology allows reliable counting and differentiation of abnormal samples

DIFF channel	WBC6-Part Differentiation
	
— More refined and reliable cell differentiation 3D fluorescent analysis technology allows reliable differentiation of immature and other abnormal cells, such as immature	— More reliable measurements for low-value samples The BC-760 3D fluorescence analysis platform is designed with multiple counting WBC-3x analysis modes to help ensure higher reliability for low-value WBC

CD + ESR in one test provide reliable ESR results with greater ease

The BC-760 integrates an automatic ESR module in a hematology analyzer. It can also generate both CBC & ESR results in one test within 1.5 min. In addition, it saves the costs that would otherwise be incurred for the purchase, maintenance, consumables, and storage space of a separate ESR analyzer. Compared with the traditional Westergren method, this method performs better in quality traceability, repeatability, speed, safety, and level of automation.

Accurate

- Great correlation with the Westergren method
- Same QC and calibrator as in the BC- series
- Combined examination helps to avoid the interferences of dehydration, polycythemia vera and anemia on ESR results



Cost-effective

- The integrated instrument is capable of both CBC and ESR detection;
- Takes up the space of only one analyzer.



Automatic

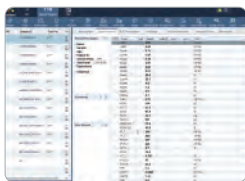
- Report CBC + ESR results together within 1.5 min;
- The measurement results are protected against the influence of subjective factors;
- Automation can reduce the biosafety hazards that may otherwise be introduced by a manual method.





RFID

Encryption key management



labXpert

Coming as standard configuration
Same software as BC-6 series



Floating screen

Switching between different
analysis modes with a single touch

► Excellent performance, high reliability, and ease of use



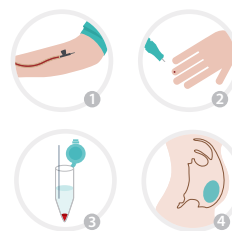
Continuous autoloading

5 positions x 6 racks



Cap piercing STAT

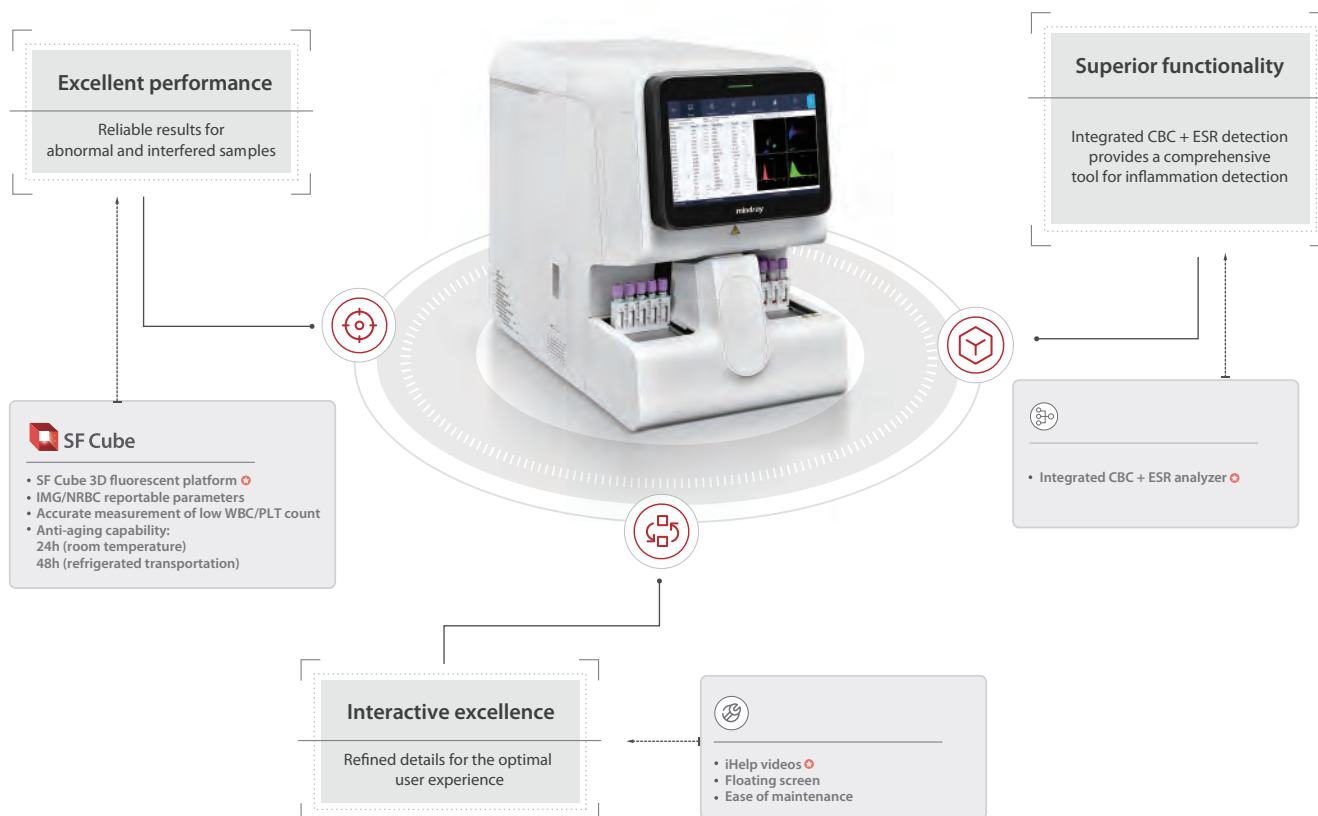
Supports STAT samples and capillary blood samples;
minimizes bio-safety hazards



Applicable to different sample types

Peripheral blood/Capillary blood
Pre-diluted blood/Body fluid

► An all-in-one solution that goes above and beyond your expectations



BC-760

Auto Hematology Analyzer with ESR

Key Specifications

Principles

WBC (IMG/Neu/Mon/Lym/Eos/Bas), NRBC, PLT-H
SF Cube Cell Analysis Technology
S: Scatter; F: Fluorescence; Cube: 3D analysis

RBC, PLT

Focusing Flow-DC Impedance Method

HGB

Colorimetric method

ESR

Photometric method

Number of measuring parameters (whole blood): 78

Number of reportable parameters: 32

WBC Bas# Bas% Neu# Neu% Eos# Eos% Lym# Lym% Mon#
Mon% IMG# IMG%
RBC HGB MCV MCH MCHC RDW-CV RDW-SD HCT NRBC#
NRBC% PLT PLT-I PLT-H MPV PDW PCT P-LCR P-LCC
ESR

Number of research parameters: 47

Number of measuring parameters (body fluid): 18

Number of reportable parameters: 7

WBC-BF TC-BF# MN# MN% PMN# PMN% RBC-BF

Number of research parameters: 11

Sample volume

CD (whole blood): 25ul
CD+ESR (whole blood): 160ul
Predilute: 20ul

Data storage capacity

Up to 130,000 results including numeric and graphical information

Throughput

CD 80t/h CDR 45t/h CD+ESR 40t/h

Analysis Mode

Sample Type	Analysis Mode
Whole blood	CBC, CBC + DIFF, ESR, CBC+ESR, CD + ESR, CD/WBC-3X, PLT and other modes
Predilute	CBC, CBC + DIFF, and other modes
Body fluid	CBC + DIFF

Physical Specifications

Dimensions

728D x 411W x 600H mm

Weight

≤73Kg

Voltage

100V-240V~ (±10%)

Frequency

50Hz/60Hz (±1Hz)

Power input

600VA

External output

LANx1, USB x 4 (Specifications: DC 5V; 500mA;
USB2.0 x 3; USB3.0 x 1)

Normal Operating Environment

Ambient temperature:

10°C ~ 35°C

Relative humidity:

30% ~ 85%

Atmospheric pressure:

70.0kPa ~ 106.0kPa^

^Note : Required altitude for normal operation:
-400m ~ +3000m

Performance

Parameter	Linearity Range	Precision	Carryover
WBC	0-500×10 ⁹ /L	≤2.5% (≥4.51×10 ⁹ /L)	≤ 1.0%
RBC	0-8.60×10 ¹² /L	≤1.5% (≥3.5×10 ¹² /L)	≤ 1.0%
HGB	0-260g/L	≤1.0% (110-180g/L)	≤ 1.0%
HCT	0-75%	≤1.5% (30%-50%)	≤ 1.0%
PLT	0-5000×10 ⁹ /L	≤ 4%	≤ 1.0%
ESR		≤1.8(SD)(0~20mm/h) ≤9%(>20mm1/n)	≤ 1.0%

수입판매원 :

META MEDI

(주)메타메디

대전광역시 서구 계백로860번길 8, 2층(관저동 1967-1)

T : 041.751.3826 F : 041.754.3827

Website : www.metamedi.net

mindray    

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