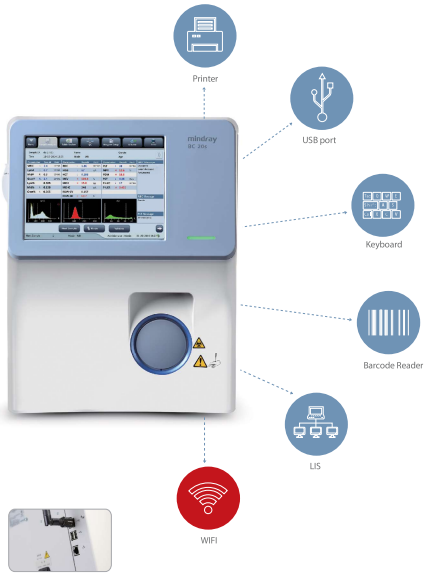

WIFI capability provides you an added option for data communication together with bi-directional LIS, USB port and LAN port, barcode reader, printer and keyboard.

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(10^3/L)	0~100	≤3.5% (4.0~6.9) ≤2.0% (7.0~15.0)	≤0.3%
RBC(10^6/L)	0~8.00	≤1.5% (3.5~6.5)	≤0.5%
HGB(g/L)	0~200	≤1.5% (100~180)	≤0.5%
MCV(fL)		≤1.0% (70~110)	
PLT(10^3/L)	0~1000	≤5.0% (100~199) ≤4.0% (150~500)	≤1.0%

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
Predilited mode 20μL
Whole blood mode 9 μL

Throughput
40 samples per hour

Display
8.4 inch TFT Touch Screen

Multi-language
Chinese, English, Spanish, Portuguese, Russian, French, Bahasa Indonesia

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, WIFI adapter,keyboard and mouse), LAN port (1)

Printout
Thermal recorder, 50 mm wide paper, various printouts formats
External printer optional

Operating Environment
Temperature: 10℃~40℃
Humidity: 10%~90%
Air pressure: 70kPa — 106kPa

Power Requirement
100V-240V
≤300VA
50Hz/60Hz

Dimension and Weight
Dimension: Depth(410 mm) x width(300 mm) x height(400 mm)
Weight: ≤20Kg

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BC-20s

Auto Hematology Analyzer

Minimum Size,
Maximum Capability

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healthcare within reach