

BC-20s

Auto Hematology Analyzer

Minimum Size Maximum Capability



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($10^9/L$)	0-100	$\leq 2\%$ (7.0-15.0)	$\leq 0.5\%$
RBC($10^{12}/L$)	0-8.00	$\leq 1.5\%$ (3.5-6.5)	$\leq 0.5\%$
HGB(g/L)	0-280	$\leq 1.5\%$ (100-180)	$\leq 0.5\%$
PLT($10^9/L$)	0-1000	$\leq 4.0\%$ (150-500)	$\leq 1.0\%$

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
2 research parameters: NLR, PLR

Reagent

M-30D DILUENT
M-30CFL LYSE
PROBE CLEANSER

Sample Volume

Prediluted mode 20 μ L
Whole blood mode 9 μ L

Throughput

40 samples per hour

Display

8.4 inch TFT Touch Screen

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

Printout

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

Operating Environment

Temperature: 10°C~35°C
Humidity: 10%~90%
Air pressure: 70kPa~106kPa

Power Requirement

100V-240V
 $\leq 300VA$
50Hz/60Hz

Dimension and Weight

Dimension: Depth(410 mm) x width(300 mm) x height(400 mm)
Weight: $\leq 20Kg$