

Technical Specifications:

Principles

Impedance method for WBC, RBC and PLT counting
Cyanide free reagent for hemoglobin test

Parameters

20 parameters: WBC, Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR
3 histograms for WBC, RBC and PLT
2 research parameters: NLR, PLR

Sample Volume

Prediluted mode ≤20μL
Whole blood mode ≤9 μL

Performance

Parameter	Linearity Range	Precision (CV %)	Carryover
WBC(10 ⁹ /L)	0-100	≤3.5% (4.0-6.9) ≤2.0% (7.0-15.0)	≤0.5%
RBC(10 ¹² /L)	0-8.00	≤2.0% (3.50-6.5)	≤0.5%
HGB(g/L)	0-280	≤2.0% (100-180)	≤0.5%
MCV(fL)		≤1.0% (70.0-110.0)	≤0.5%
PLT(10 ⁹ /L)	0-1000	≤5.0% (100-500)	≤1.0%

Throughput

30 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 50,000 results including numeric and graphical information

Communication

LAN Port supports HL7 protocol
Support bi-directional LIS

Interface

4 USB ports (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

Power Requirement

Temperature: 15°C~30°C
Humidity: 10%~90%
Air pressure: 70kPa~106kPa

Power Requirement

(100V-240V)±10%
≤180VA
(50Hz/60Hz) ±1Hz

Dimension and Weight

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



BC-10

Auto Hematology Analyzer

Minimum Size Maximum Capability

