

BC-30

Auto Hematology Analyzer

Technical Specifications:

Principles

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

Parameters

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

Sample Volume

Prediluted mode ≤20μL
Whole blood mode ≤9 μL

Performance

Parameter	Linearity Range	Precision (CV %)	Carryover
WBC(10 ⁹ /L)	0-300	≤3.5% (4.0-6.9) ≤2.0% (7.0-15.0)	≤0.5%
RBC(10 ¹² /L)	0-8.00	≤1.5% (3.50-6.5)	≤0.5%
HGB(g/L)	0-280	≤1.5% (100-180)	≤0.5%
MCV(fL)		≤0.5% (70.0-110.0)	≤0.5%
PLT(10 ⁹ /L)	0-4000	≤5.0% (100-149) ≤4.0% (150-500)	≤1.0%

Throughput

60 samples per hour

Display

10.4 inch TFT Touch Screen

Multi-language

Chinese, English, Spanish, Portuguese, Russian, French, Bahasa Indonesia

Data Storage Capacity

Up to 400,000 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
External printer optional

Power Requirement

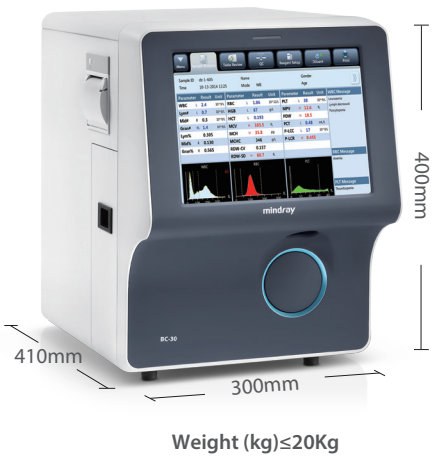
Temperature: 15°C~30°C
Humidity: 10%~90%
Air pressure: 70kPa~106kPa

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



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Minimum Size, Maximum Capability

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