

AC 310

Auto 3-part Hematology Analyzer





Accurate measurement for low value PLT

Advanced Sweep-Flow technology guarantees low PLT samples counted precisely



Low running cost

Only two routine reagents, low reagent consumption for single test



10.4 inch LCD

Color LCD with touch screen, no external PC needed



Easy to use

One touch to start testing, one click to remove error, friendly operation menus

Technical Specification

Principles

- Impedance method
- Cyanide free colorimetric method

Parameters

21 Reportable parameters:

WBC, Lym#, Mid#, Gran#, Lym%, Mid%, Gran%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC

3 Histograms (WBC, RBC, PLT)

Test Mode

Venous whole blood, Capillary whole blood and Prediluted

Throughput

60 tests/hour

Performance

Parameter	Linearity Range	Carry Over	CV
WBC	0-300x10 ⁹ /L	≤0.5%	≤2.0%
RBC	0-8x10 ¹² /L	≤0.5%	≤1.5%
HGB	0-250g/L	≤0.5%	≤1.5%
PLT	0-3000x10 ⁹ /L	≤1.0%	≤4.0%

Sample Volume

≤10ul

Data Memory

Up to 100,000 results (including histograms and patient information)

Display

10.4 inch touch screen

Printout

Built-in thermal printer or External printer

Interface

- 4 USB, 1 LAN, 1 RS-232
- Support LIS connection
- RF card for reagent closing system(optional)

Size/Weight

L * W * H = 411*315*416(mm)

Weight: 26kg

Working Environment

- Power: a.c.100-240V, 50/60Hz
- Temperature: 10-30°C
- Humidity: 20-85%
- Air pressure: 70-106KPa
- Working Latitude: ≤3500m



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