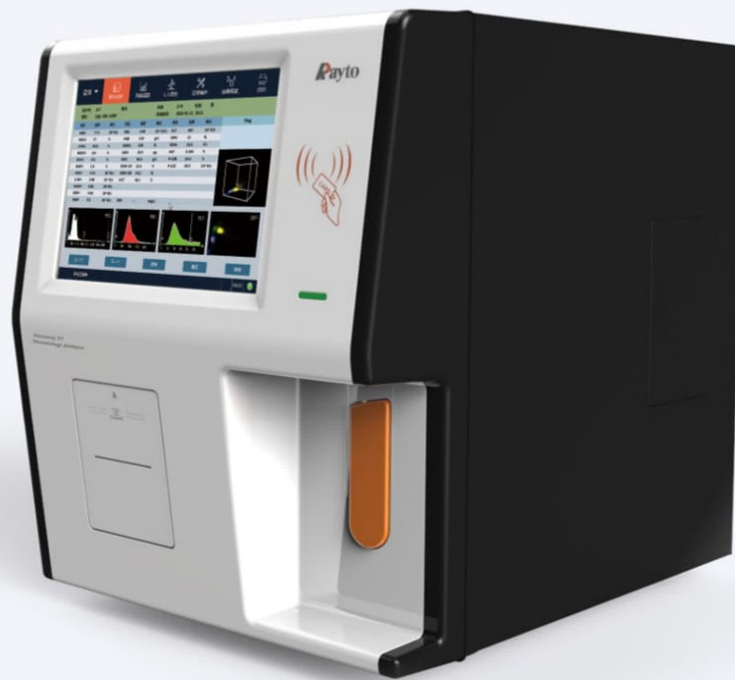


Hemaray 51

5-Part Hematology Analyzer



- The brand-new automated 5-part differentials hematology analyzer.
- Tri-angular laser scatter + Flow cytometry for 5-part WBC counting.
- Independent BASO counting channel.
- Whole Blood, Peripheral Blood, Pre-diluted blood.
- Throughput with 60 samples / hour.
- 29 parameters (include 4 research parameters).
- 3 reagents with original QC and Carlibrators.

Hemaray 51

5-Part Hematology Analyzer

Specifications

• Principles

Electrical impedance, Colorimetry;
Laser scattering method

• Parameters

WBC, BAS#, BAS%, NEU#, NEU%, EOS#, EOS%,
LYM#, LYM%, MON#, MON%, RBC, HGB, HCT,
MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT,
MPV, PDW, PCT, P-LCR, P-LCC;
ALY#, ALY%, LIC#, LIC%;
WBC Histogram, RBC Histogram, PLT Histogram;
2D DIFF Scatter gram x 3; 3D DIFF Scatter gram x 1;

• Testing mode

CBC, CBC+DIFF

• Sample consumption

Whole Blood: 15ul (CBC+DIFF/ CBC)
Pre-diluted 20ul(CBC+DIFF/ CBC)

• Reagents

RD-50 Diluent, RL-50D lyse, RL-50H lyse

• Throughput 60 S/H

| Test | Linear range | Carry-over | CV(whole blood) |
|------|---------------------------|------------|-----------------|
| WBC | 0-500×10 ⁹ /L | ≤0.5% | ≤2.0% |
| RBC | 0-8×10 ¹² /L | ≤0.5% | ≤1.5% |
| HGB | 0-250g/L | ≤0.5% | ≤1.0% |
| PLT | 0-5000×10 ⁹ /L | ≤1.0% | ≤4.0% |



• Optional external devices

Bar-code reader, Mouse, Keyboard, External printer

• Sample types

Whole Blood, Peripheral Whole Blood, Pre-diluted blood

• System

Integrated windows system displayed by 10.4 inches color touch screen.
Bi-directional LIS communication

• Link ports LAN; USB x 4

• Working Environment 10°C~30°C; humidity ≤ 85%

• Data storage 100000 results

• Power 110V-240V; 50Hz/60Hz; 400VA

• Printer Internal thermal printer

• Size (mm) 365x 470x 525;Weight: 35Kg



Rayto reserves the right to change specifications without prior notice.
P/N: ENG-Hemaray 51 20190325

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