

Parameters

21 reportable parameters: WBC, LYM%, MXD%, NEUT%, LYM#, MXD#, NEUT#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, PLCC, PLCR

2 RUO parameters: *NLR, *PLR

3 histograms for WBC, RBC and PLT

Performance	Parameter	Linearity Range	Precision (CV %)
	WBC (10 ⁹ /L)	0.0-300	≤2.5% (3.50-15.00)
	RBC (10 ¹² /L)	0.0-8.5	≤1.5% (3.5-6.5)
	HGB (g/L)	0-250	≤1.5% (100-180)
	PLT (10 ⁹ /L)	0-4000	≤5.0% (125-500)
	MCV(fL)	70-120	≤1.0% (70.0-120.0)
	HCT(%)		≤2.0% (30-50)

Principles

Direct impedance method for WBC, RBC and PLT counting
Cyanide free Lyse reagent for hemoglobin test

Sample Volume

Whole blood mode
Capillary whole blood mode
Pre-diluted mode

Reagent

Diluent
Lyse
Cleaner

Operating Environment

Temperature: 15°C~35°C;
Humidity: 20% RH~85% RH;
Air pressure: 70 kPa~106 kPa

Display

10.4 inch TFT color touch screen

Throughput

60 samples per hour

Data Storage Capacity

100, 000 results including results and histograms
60 QC files (100 data per file)

Dimension and Weight

415mm(L) x 275mm(W) x 406mm(H);
Weight: 18kg

Interface

5 USB ports (for external printer, software upgrade, barcode scanner, keyboard, mouse), 1 LAN port

