



Fastest Analyzer
With results in Just 45 Sec.

Features

Throughput up to 80 samples/hour in whole blood mode

10.4 inch color display screen with touch panel

Minimum volume 9µl whole blood

Large storage capacity of 5,00,000 results memory

"Think Hematology ! Think Vector..."

Technical Specifications

Principles

Impedance method (WBC, RBC, PLT) and cyanide free colorimetric method (HGB)

Parameters

23 parameters : WBC, Lym#, Mid#, Gran#, Lym%, Mid%, Gran%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, PLCC, PLCR, NLR, PLR, 3 histograms, alarm for abnormal erythrocytes, leukocyte and platelet

Sample Volume

Minimum volume 9µl whole blood

Throughput

80 samples/hour

Display Type

10.4 inch color display screen with touch panel

Data Storage Capacity

500,000 sample results, including histogram and patient information

Reagent

3-Part diluent and lyse

Detection Channel

Double-channel for counting

Counting Modes

Whole blood mode, pre-diluted mode

Leading Technology

Cell pulse baseline tracking and restore technology, High voltage burning technology Built-in liquid sensor technology, High speed pulse collecting and discrimination technology, Intelligent floating threshold technology

Interface

4 USB ports and Bi-directional LIS connection, support USB keyboard, mouse, USB disk and USB printer

Printout

Built-in thermal printer, Support external more than 15 types USB HP printers (optional), Support different language when leaving the factory, Multiple built-in report templates available

Operating Environment

Temperature: 10C°~35C° | Relative Humidity: 20%~85%

Power Requirement

100~240VAC, 50/60 Hz, \$150VA (Online UPS with Isolated transformer upto 1 KVA)

Dimensions

420(L) x 295(W) x 430(H) mm ; ≤28kg

Performance

Parameters	Linearity Range	Deviation Range
WBC	0.0 X 10 ⁹ /L~ 10.0 X 10 ⁹ /L 10.1 X 10 ⁹ /L~ 100.0 X 10 ⁹ /L 100.1 X 10 ⁹ /L~ 300.0 X 10 ⁹ /L	±0.30 X 10 ⁹ /L ±5% +9%
RBC	0.00 X 10 ¹² /L~ 1.00 X 10 ¹² /L 1.01 X 10 ¹² /L~ 8.00 X 10 ¹² /L	±0.05 X 10 ¹² /L ±5%
HGB	0 g/dl ~ 7.0 g/dl 7.1 g/dl ~ 28.0 g/dl	± 0.2 g/dl ±2%
PLT	0 X 10 ⁹ /L~ 100 X 10 ⁹ /L 101 X 10 ⁹ /L~ 1000 X 10 ⁹ /L 1001 X 10 ⁹ /L~ 4000 X 10 ⁹ /L	± 10 X 10 ⁹ /L ±10% ±12%



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