



DH-76 Auto Hematology Analyzer



Features:

- ✱ 5-part differentiation, 29 parameters, 1 3D scatter gram, 3 2D scatter grams and 3 histograms
- ✱ Tri-angle semi-conductor Laser scatter combined with chemical dye method, advanced flow cytometry
- ✱ Compact, powerful and affordable
- ✱ Only 20ul sampling volume
- ✱ Up to 80 samples per hour
- ✱ 3 counting modes: venous blood, capillary blood and prediluted
- ✱ Capability to flag abnormal samples
- ✱ Large storage capacity: up to 100,000 samples

Technical Specifications:

Principles

Impedance method for WBC, RBC, PLT counting
Cyanide-free reagent for Hemoglobin test

Flow Cytometry (FCM), Semi-conductor Laser scatter, chemical dye method, independent Basophil channel

Parameters

WBC, Lym%, Lym#, Mon%, Mon#, Neu%, Neu#, Eos%, Eos#, Bas%, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, PDW, MPV, PCT, and 4 research parameters P-LCC, P-LCR, LIC%, LIC#, ALY%, ALY#
1 3D and 3 2D scatter grams and 3 histograms

Throughput

Up to 80 samples per hour

Sample Volume

Whole Blood: 20ul

Prediluted: 20ul

Test Mode

CBC CBC+DIFF

Performance

Carryover	Repeatability	Linearity
WBC $\leq 0.5\%$	$\leq 2.0\%$ ($4-15 \times 10^9/L$)	$0.00-300 \times 10^9/L$
RBC $\leq 0.5\%$	$\leq 1.5\%$ ($3.5-6.0 \times 10^{12}/L$)	$0.00-8.5 \times 10^{12}/L$
HGB $\leq 0.5\%$	$\leq 1.5\%$ (110-180g/L)	0-250g/L
PLT $\leq 1.0\%$	$\leq 4.0\%$ ($150-500 \times 10^9/L$)	$0.00-3000 \times 10^9/L$

Data Storage Capacity

Up to 100,000 results including numeric and graphical information

Communication

LAN port supports HL7 protocol

Operating Environment

Temperature: 15°C-30°C

Humidity: 30-85%

Air Pressure: 70-106 kPa

Power Requirement

A.C. 100-240V, $\leq 300VA$, 50/60Hz

Dimension and Weight

620mm(L) \times 620mm(W) \times 535mm(H)

Weight: 56kg