

Hemix 9080

3-Part & 5-Part Combined Auto Hematology Analyzer

Principles

Flow Cytometry (FCM) + Tri-angle laser scatter + Chemical staining method for WBC differentiation
Impedance method for WBC, RBC and PLT test
Cyanide free colorimetry for HGB test

5-Part parameters (CBC+DIFF)

25 reportable parameters:

WBC, Neu#, Lym#, Mon#, Eos#, Bas#, Neu%, Lym%, Mon%, Eos%, Bas%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR, P-LCC

6 research parameters:

ALY#, ALY%, LIC#, LIC%, NRBC#, NRBC%

3 histograms for WBC, RBC and PLT

One 3D scattergram and three 2D scattergrams for WBC differentiation

3-Part parameters (CBC+3DIFF)

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 for WBC, RBC and PLT

Sample volume

20μL

Throughput

CBC+DIFF: Up to 80 tests per hour

CBC+3DIFF: Up to 90 tests per hour

Test mode

CBC+DIFF, CBC+3DIFF

Linearity range

WBC(CBC+3DIFF): 0.00-300.00×10⁹/L

WBC(CBC+DIFF): 0.00-400.00×10⁹/L

RBC: 0.00-8.50×10¹²/L

HGB: 0-250g/L

PLT: 0-3000×10⁹/L

HCT: 0.0-67.0%

Repeatability

WBC≤2%(4.0-15.0×10⁹/L)

RBC≤1.5%(3.5-6.0×10¹²/L)

HGB≤1%(110-180g/L)

MCV≤1%(70-120fL)

PLT≤6.0%(100-149×10⁹/L)

≤4.0%(150-500×10⁹/L)

Storage

Up to 100,000 records

Communication

LAN port supports HL7 protocol

Support bi-directional LIS

Net weight

58kg

Power requirement

100V-240V~, 50-60Hz, ≤200VA,

Dimension

650mm(W)×550mm(D)×610mm(H)

Sample mode

Whole blood, capillary whole blood and pre-diluted modes

Printout

External printer, compatible with multiply laser / inkjet printers, compatible with various formats and user-defined formats



Beyond Efficiency



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