Hemix 9080

3-Part & 5-Part Combined Auto Hematology Analyzer

Principles
Flow Cytometry (FCM) + Tri-angle laser scatter + Chemical staining method for WBC differention
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 differention

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): 0.00-300.00×10^9/L
WBC(CBC+DIFF): 0.00-400.00×10^9/L
RBC: 0.00-8.50×10^{12}/L
HGB: 0-250g/L
PLT: 0-3000×10^9/L
HCT: 0.0-67.0%

Repeatability
WBC≤2%(4.0-15.0×10^9/L)
RBC≤1.5%(3.5-6.0×10^{12}/L)
HGB≤1%(110-180g/L)
MCV≤1%(70-120fL)
PLT≤6.0%(100-149×10^9/L)
≤4.0%(150-500×10^9/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)x550mm(D)x610mm(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

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