



DH76

5-Part Auto Hematology Analyzer

Principles	Electrical Impedance method for WBC/BAS count and RBC/PLT tests Cyanide free colorimetry for HGB test Laser-based flow cytometry for WBC differentiation	Sample volume	20μL
Parameters	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 4 research parameters: ALY#, ALY%, LIC#, LIC% 3 histograms for WBC, RBC and PLT One 3D scattergram and three 2D scattergrams for WBC differentiation	Linearity range	WBC: 0.00-300×10 ⁹ /L RBC: 0.00- 8.5× 10 ¹² /L HGB: 0- 250g/L PLT: 0- 3000× 10 ⁹ /L HCT: 0~67%
		Repeatability	WBC≤2.0%(4.0-15.0×10 ⁹ /L) RBC≤1.5%(3.5-6.0×10 ¹² /L) HGB≤1.5%(110-180g/L) MCV≤1%(70-120fL) PLT≤6.0%(100-149×10 ⁹ /L) ≤4.0%(150-500×10 ⁹ /L)
		Communication	LAN port supports HL7 protocol Support bi-directional LIS
Printout	External printer, compatible with multiply laser / inkjet printers, compatible with various formats and user-defined formats	Sample mode	Whole blood, capillary whole blood and pre-diluted modes
Throughput	Up to 90 tests per hour	Power requirement	100V-240V, 50/60Hz, ≤200VA
Storage	Up to 150,000 records	Dimension	650mm(W)*550mm(H)*610mm(D)
		Net weight	57.5kg

Dedication to Efficiency



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P/N: EN-Reagents of DH71&DH76[2.0]

Declaration: Finechek reserves the right to change the product of specifications and appearance at any time. For the information of this manual, Finechek reserves the right to the interpretation and the decision.



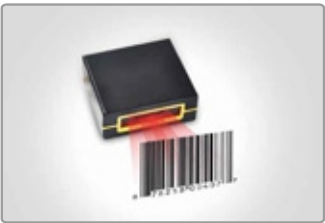
Fully Automatic Intelligent Technology

- Visual self-tests (working status self-test and reagent volume self-detection)
- Automatic test re-run, with re-run rules inside
- One-button error removal and automatic standby mode function
- Intelligent WBC/RBC/PLT floating threshold technology

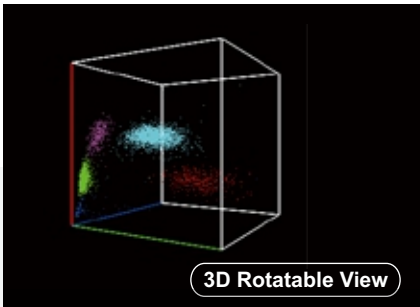


Excellent Data Management System

- A wide range of pathological alarms and up to 20 user-defined alarm ranges
- Customized templates print and help to customize the final report according to requirements
- Bi-directional LIS connection
- QC and calibration management



Especially for blood sample untreated over a long time



3D scattergram for accurate differentiation and pathological sample flag



Loading up to 60 samples simultaneously and supporting continuous samples loading



Up to 90 tests per hour, auto sample mixing



Multiply sample modes: whole blood, capillary whole blood and pre-diluted modes



Closed and open vial modes, emergency mode available