DYMIND Oryca
Medical Supplies LLC

DH76
5-Part Auto Hematology Analyzer

Principles	Electrical Impedance method for WBC/BAS count and RBC/PLT tests	**Sample volume**	20μL
	Cyanide free colorimetry for HGB test	**Linearity range**	WBC: 0.00-300×10^9/L
	Laser-based flow cytometry for WBC differentiation		RBC: 0.00- 8.5× 10^{12}/L
			HGB: 0– 250g/L
			PLT: 0– 3000× 10^9/L
			HCT: 0~67%
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	**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)
	4 research parameters: ALY#, ALY%, LIC#, LIC%		MCV≤1%(70-120fL)
	3 histograms for WBC, RBC and PLT		PLT≤6.0%(100-149×10^9/L)
			≤4.0%(150-500×10^9/L)
	One 3D scattergram and three 2D scattergrams for WBC differention	**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
		Power requirement	100V-240V, 50/60Hz, ≤200VA
Throughput	Up to 90 tests per hour	**Dimension**	650mm(W)*550mm(H)*610mm(D)
Storage	Up to 150,000 records	**Net weight**	57.5kg

Dedication to Efficiency

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5-Part Auto Hematology Analyzer

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
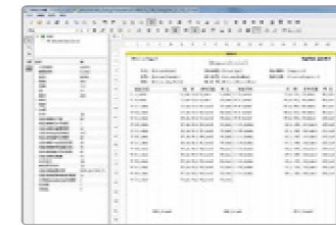
Excellent Data Management System

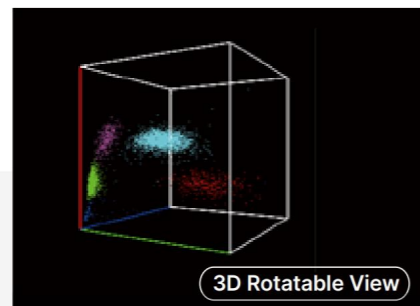A wide range of pathological alarms and up to 20 user-defined alarm ranges

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

Trace 20μL

3D Rotatable View

3D scattergram for accurate differentiation and pathological sample flag

Loading up to 60 samples simultaneously and supporting continuous samples loading

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

Up to 90 tests per hour, auto sample mixing

Closed and open vial modes, emergency mode available

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