

3 Part Hematology Analyzer

ACCUHEM-100

60 Samples
per hour

- 21 Reportable Parameters: WBC, LYM%, MXD%, NEUT%, LYM#, MXD#, NEUT#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, PLCC, PLCR
- 2 RUO Parameters: *NLR, *PLR
- 3 Histogram for WBC, RBC, PLT
- 2 Reagents (Diluent & Lyse) & 1 Cleaner
- Dual Chambers



RFID Reagents closed system



Features

Giving absolute neutrophil count





Extending linearity range for WBC and PLT

Differentiating WBC, RBC, and PLT with adaptive threshold

Requiring small sample volume for pediatric samples

Simplifying the working process with an intuitive operation system

Performance

	Performance	Parameter Linearity	Range Precision
	WBC (10^9)	0.0 – 300	$\leq 2.5\%$ (3.50 – 15.00)
	RBC (10^{12})	0.0 – 8.5	$\leq 1.5\%$ (3.5 – 6.5)
	HGB (g/L)	0 – 250	$\leq 1.5\%$ (3.5 – 6.5)
	PLT (10^9)	0 – 4000	$\leq 5.0\%$ (125 – 500)
	MCV (fL)	70 – 120	$\leq 1.0\%$ (70.0 – 120.0)
	HCT (%)		$\leq 2.0\%$ (30 – 50)



Principles

Direct impedance method for WBC, RBC and PLT counting
Cyanide free Lyse reagent for hemoglobin test



Display

10.4 inch TFT color touch screen



Sample Volume

Whole Blood Mode: 10 μ L
Capillary Whole Blood Mode: 10 μ L
Pre-diluted Mode: 20 μ L



Dimension and Weight

Length: 415mm
Width: 275mm
Height: 406mm
Weight: 18kg



Data Storage Capacity

100,000 results including results and histograms
60 QC files (100 data per file)



Interface

5 USB ports (for external printer, software upgrade, barcode scanner, keyboard, mouse),
1 LAN port



On-Board Stability

Two routine reagents for sample analysis, up to 120 days on-board RT stability plus low reagent consumption, provide cost-effective results



Easy Storage Reagents

Reagents can be stored & transported



Contact Us

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