

Hematron 5 Plus

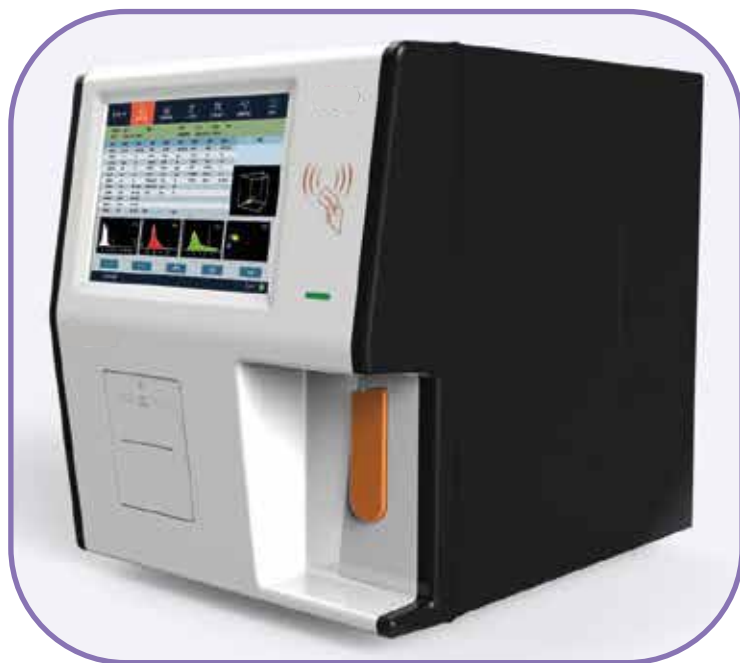
5-Part Haematology Analyser

HEMATRON 5 PLUS

The brand-new 5-part differential Haematology Analyser

Features

- Tri-angular laser scatter + Flow cytometry for 5-part WBC counting
- Independant BASO counting channel
- Whole Blood, Peripheral Blood, Pre-diluted Blood
- Throughput of 60 samples per hour
- 29 parameters (including 4 research parameters)
- 10.4" touch-screen
- 3 reagents with original QC and Calibrators



- Compact & Capable -

Test	Linear range	Carry-over	CV(whole blood)
WBC	0-500x10 ⁹ /L	≤ 0.5%	≤ 2.0%
RBC	0-8x10 ¹² /L	≤ 0.5%	≤ 1.5%
HGB	0-250g/L	≤ 0.5%	≤ 1.0%
PLT	0-5000x10 ⁹ /L	≤ 1.0%	≤ 4.0%

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Technical Specifications

Principles	Electrical impedance, Colorimetry; Laser Scattering Method
Parameters	WBC, BAS#, BAS%, NEU#, NEU%, EOS#, EOS%, LYM#, LYM%, MON#, MON%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, PLT, MPV, PDW, PCT, P-LCR, P-LCC; ALY#, ALY%, LIC#, LIC%; WBC Histogram, RBC Histogram, PLT Histogram; 2D DIFF Scattergram x 3; 3D DIFF Scattergram x 1
Testing Mode	CBC, CBC+DIFF
Sample Consumption	Whole Blood: 15µl (CBC/CBC+DIFF) Pre-diluted: 20µl (CBC/CBC+DIFF)
Throughput	60 Samples / hour
Sample Types	Whole Blood, Peripheral Whole Blood, Pre-diluted Blood
System	Integrated Windows system displayed by 10.4 inch colour touch screen. Bi-directional LIS communication
Link Ports	LAN; USB x4
Data Storage	100,000 results
Printer	Internal thermal printer
Optional External Devices	Bar-code reader, external printer, mouse & keyboard
Working Environment	10°C~30°C; humidity ≤ 85%
Power	110V~240V; 50/60Hz; 400VA
Dimensions (mm)	365 * 470 * 525
Weight	31Kg



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