

3 PART DIFFERENTIAL Hematology Analyzer



Features and Benefits

- **3 Part differentiation of WBC** – 20 parameters + 3 histograms
- **2 Counting modes** – whole blood and prediluted
- **Throughput** – 60 samples per hour
- **Touch screen** – with 10.4" TFT color LCD
- **Presentation of results** – built-in thermal recorder, optional external printer
- **Sample results** – storage up to 50,000 sample results (including histograms)
- **Multi-language software** – available on request
- **Dedicated J.T.Baker® reagents** – providing reliable and consistent results
- **Regulatory compliance with certifications** – ISO and CE Certified
- **Quality control** – to confirm the precision and accuracy of instrument operation
- **Worldwide presence** – global manufacturing capability and sales network

Technical Specifications

Product	3 Part Differential Hematology Analyzer	
Counting Channel	2	
Throughput	60 tests/hour	
Parameters	20	
Operating	Touch Screen, Mouse, Keyboard	
Sample Volume	Whole blood 9.8 µl, Anti-coagulated Peripheral 9.8 µl, Prediluted 20µl	
Reagents	Diluent (15.5ml/test), Lyse (0.6ml/test), Cleanser (1.2 ml/test)	
Carry Over	WBC, RBC, HGB < 0.5%, PLT < 1%	
QC Mode	XB & L-J; X-R; Westguard Rules	
Storage	50,000	
Interface	RS232C, USB*2, Keyboard, Mouse Interface (PS2), LAN	
Linearity Range	WBC (10 ⁹ /L)	0 - 99.9
	RBC (10 ¹² /L)	0 - 9.99
	HGB (g/L)	0 - 300
	MCV (FL)	40 - 150
	PLT (10 ⁹ /L)	0 - 999
Precision (CV%)	WBC (10 ⁹ /L)	≤ 2.0% (7.0 - 15*10 ⁹ /L)
	RBC (10 ¹² /L)	≤ 1.5% (3.5 - 6*10 ¹² /L)
	HGB (g/L)	≤ 1.5% (110 - 180 g/L)
	MCV (FL)	≤ 0.4% (80 - 110 FL)
	PLT (10 ⁹ /L)	≤ 4.0% (100 - 500*10 ⁹ /L)
Power Requirement	AC 110V~220V±10%, 50-60Hz, External AC Adaptor	
Dimension	436 x 363 x 367 mm	
Weight	18 Kg	



Sample Test



Auto Calibration Setting



Manual Calibration



L-J QC Setting



Profile

