



3-Part Fully Auto Hematology Analyzer

PE-6100

- ◇ Automated & User-friendly Interface
- ◇ Accurate Results & Low Sample Consumption
- ◇ Easy Maintenance & Environment-friendly System
- ◇ Perfect QC System

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Parameters

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Histograms

Specifications

Principle	Electrical resistance for counting, cyanide free method for hemoglobin	
Parameters	3-part differential of WBC; 20 parameters (WBC, LYM#, MID#, GRAN#, LYM%, MID%, GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT,) + 3 color histograms P-LCR (WBC/RBC/PLT)	
Sample Consumption	Venous mode: 9.6μL, Capillary mode: 9.6μL, Pre-diluted mode: 20μL	
Working Mode	Double passages counting detection+independent HGB measurement system; 24 hours with auto standby	
Operation Mode	USB keyboard & mouse (PE-6000Plus: Touch screen)	
Throughput	≥60 samples/hour	
Storage	50,000 sample results inclusive of the histograms	
QC Mode	L-J QC mode	
Cross Contamination Ratio	WBC/RBC/HGB < 0.5%, PLT < 1%	
Performance	Parameter Repeatability	
	(CV%)	Linear Range
	WBC≤2.5%	0.00-99.9×10 ⁹ /L
	RBC≤2.0%	0.00-99.9×10 ¹² /L
	HGB≤1.5%	0-300g/L
	MCV≤0.4%	40-150fL
	PLT≤5.0%	0-999×10 ⁹ /L
Display	8.4"LCD, resolution: 800×600	
Reference Value	Baby, Kid, Woman, Man, Normal and Customization	
Interface	4×USB, 1×ethernet, 1×VGA (for external monitor)	
Printer	Built-in thermal recorder, optional external printer, eight report formats	
Environment Requirement	Temperature: 15°C~35°C; Humidity: 10%-90%	

