



RESPECT FOR LIFE



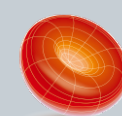
PE-6100

3-PART 23 PARAMETERS HEMATOLOGY ANALYZER



Specifications

Principle:	Electrical resistance for counting, cyanide free method for hemoglobin	
Parameters:	3-part differential of WBC; 20 parameters + 3 color histograms (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 curve	
Cross Contamination Ratio:	WBC/RBC/HGB<0.5%, PLT<1%	
Performance:	Parameter	Repeatability (CV %)
	WBC	≤2.5%
	RBC	≤2.0%
	HGB	≤1.5%
	MCV	≤0.4%
Display:	PLT	≤5.0%
	8.4" LCD, resolution: 800 x 600	
Reference Value:	Baby, Kid, Woman, Man, Normal and Customization	
Interface:	4xUSB,1xethernet,1xVGA(for external monitor)	
Printer:	Built-in thermal recorder, optional external printer, eight report formats	
Environment Requirement:	Temperature: 15℃~35℃; Humidity: 10%~90%;	
Power supply:	AC100-240V 50/60Hz	



PE-6100

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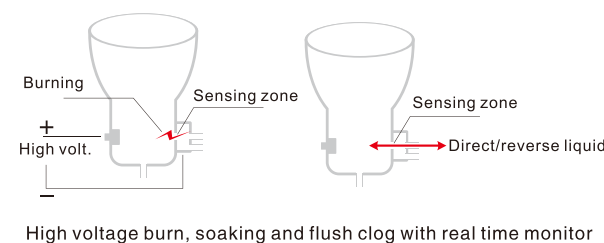
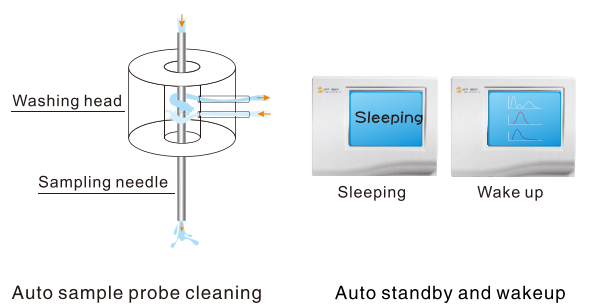
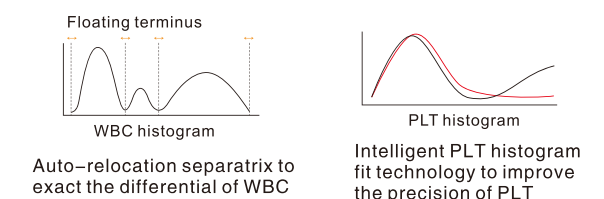
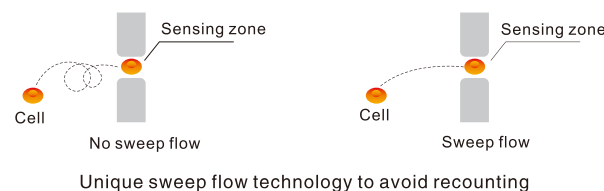
Respect For Life

PE-6100

3-PART 23 PARAMETERS HEMATOLOGY ANALYZER

PE-6100 Hematology Analyzer is a 3-part differential of WBC blood cell counter. It is advantaged at digital technology, auto-relocation separatrix, intelligent flush clog, dual measuring technology (with time and volume) to ensure precise of the test results.

Advanced Technology



Automated & User-friendly Interface

- 8 inch LCD display, Resolution: 800*600
- Online alert for the abnormal results
- keyboard & mouse operation
- Based on Linux
- Easy to search and edit patient information
- Storage capacity: 50,000 sample results inclusive of histograms
- Optional printout formats
- Real time guideline for easy operation

Accurate Results & Low Sample Consumption

- Accurate analysis technology with low sample consumption:
 - Venous mode: 9.6ul
 - Capillary mode: 9.6ul
 - Pre-diluted mode: 20ul



Easy Maintenance & Environment-friendly System

- Adjustable sample probe for various cuvettes
- With liquid sensor to alarm low reagent
- Cyanide-free Lyse
- Automated & Systematic diagnosis and maintenance with alerts
- Liquid tubing and electronic circuit separately for easy maintenance
- Closed reagent tubing to avoid contamination

Perfect QC System

- Calibration mode: manual and auto
- QC mode: L-J, SD, CV, QC histogram



Three sample modes: venous, capillary and pre-diluted

23 parameters:

- WBC
- Lymph#
- Mid#
- Gran#
- Lymph%
- Mid%
- Gran%
- RBC
- HGB
- HCT
- MCV
- MCH
- MCHC
- RDW-CV

- RDW-SD
- PLT
- MPV
- PDW
- PCT
- P-LCR

