PE-6100Plus

3–PART 23 PARAMETERS HEMATOLOGY ANALYZER



Specifications		
Operation Mode:	Touch screen operation,also support USB keyboard & mouse. Based on Linux system	
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	
Language:	Multi-language supported,user can on-line switch interface language	
Throughput:	≥60 samples/hour	
Storage:	50,000 sample results with histograms, record supported export and backup	
QC mode:	L-J,SD,CV,QC histogram	
Cross Contamination Ratio:	WBC/RBC/HGB<0.5%, PLT<1%	
Performance:	Parameter Repeatability (CV %)	Linear Range
	WBC≤2.5%	0.00-99.9x10^9/L
	RBC≤2.0%	0.00-9.99x10^{12}/L
	HGB≤1.5%	0-300g/L
	MCV≤0.4%	40 - 150fL
	PLT≤5.0%	0-999x10^9/L
Display:	8'' LCD, resolution :800 × 600	
Reference Value:	Baby, Kid, Woman, Man, Normal and Customization	
Interface:	4 ×USB, 1 × ethernet, 1 ×VGA (for external monitor)	
Printer:	Bulit-in thermal printer, support external laser and inkjet printer, 5 kinds of report formats supported	
Environment Requirement:	Temperature: 15℃~35℃; Humidity: 10%–90%;	
Power supply:	AC100–240V 50/60Hz	



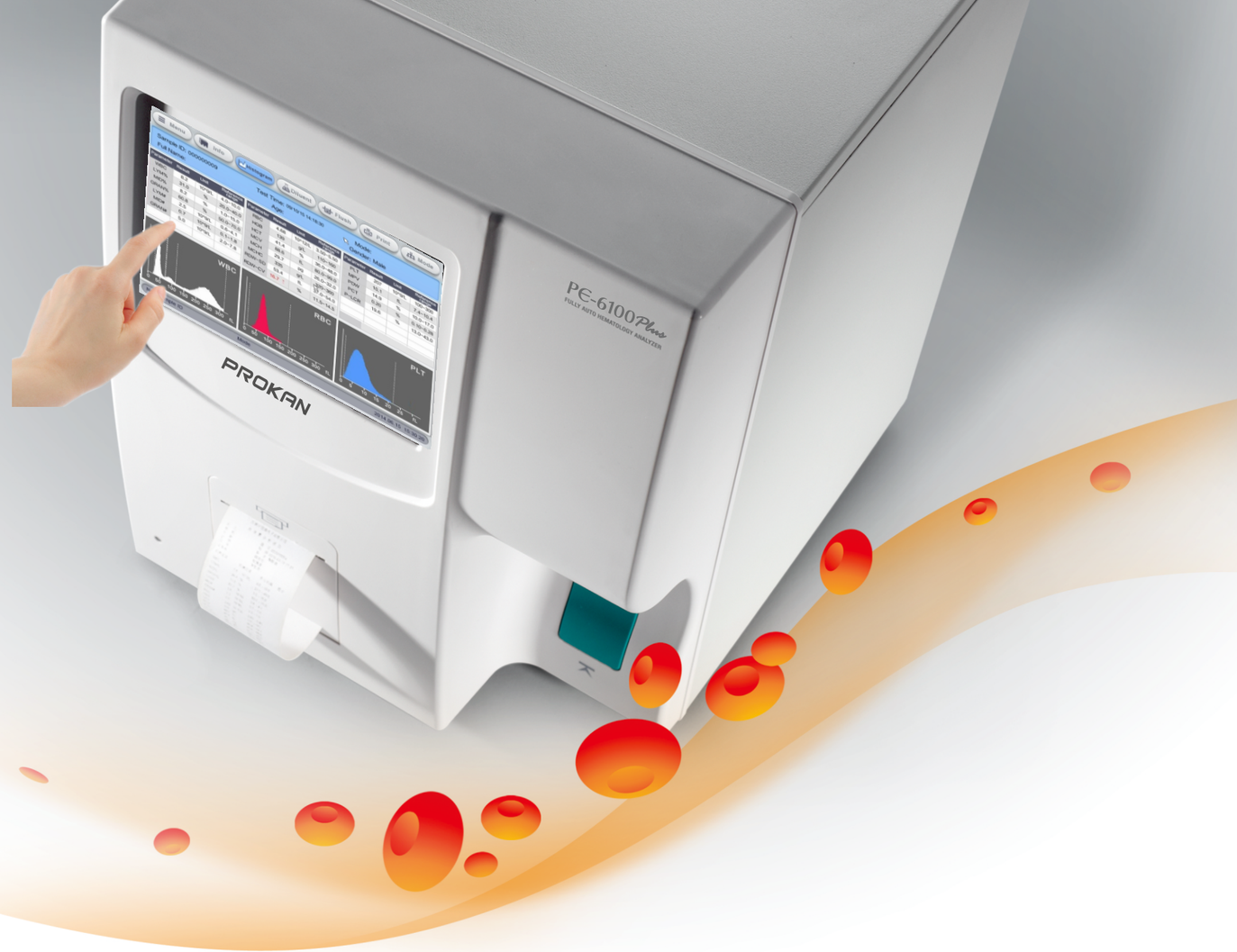
PE-6100Plus

3–PART 23 PARAMETERS HEMATOLOGY ANALYZER

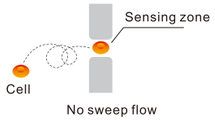
PE-6100*Plus*

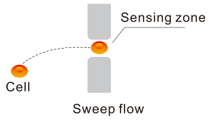
3-PART 23 PARAMETERS HEMATOLOGY ANALYZER

PE-6100PLUS 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.

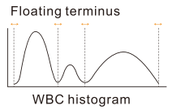


Advanced Technology

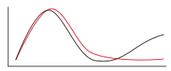




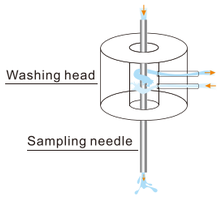
Unique sweep flow technology to avoid recounting



Auto-relocation separatrix to exact the differential of WBC



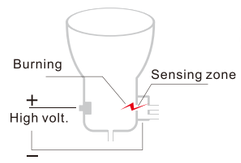
Intelligent PLT histogram fit technology to improve the precision of PLT

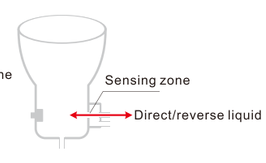




Sleeping Wake up

Auto sample probe cleaning Auto standby and wakeup





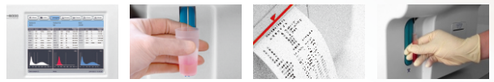
High voltage burn, soaking and flush clog with real time monitor

Automated & User-friendly Interface

- 8 inch LCD display, Resolution:800*600,Touch screen
- Optional keyboard & mouse
- 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