

Product Specifications

Parameters	Precision		Carry-over	Linearity Range
	Range	CV		
WBC	$(7.0 \sim 15.0) \times 10^9 / L$	$\leq 2.0\%$	$\leq 0.5\%$	$(0.0 \sim 99.9) \times 10^9 / L$
	$(4.0 \sim 6.9) \times 10^9 / L$	$\leq 3.5\%$		
RBC	$(3.50 \sim 6.5) \times 10^{12} / L$	$\leq 1.5\%$	$\leq 0.5\%$	$(0.0 \sim 7) \times 10^{12} / L$
HGB	100 ~ 180 g/L	$\leq 1.5\%$	$\leq 0.5\%$	(0.0 ~ 240) g/ L
MCV	70.0~ 110.0 fL	$\leq 0.5\%$	/	(0.0 ~ 250.0) fL
PLT	$(150 \sim 500) \times 10^9 / L$	$\leq 4.0\%$	$\leq 1\%$	$(0.0 \sim 999) \times 10^9 / L$
	$(100 \sim 149) \times 10^9 / L$	$\leq 5.0\%$		

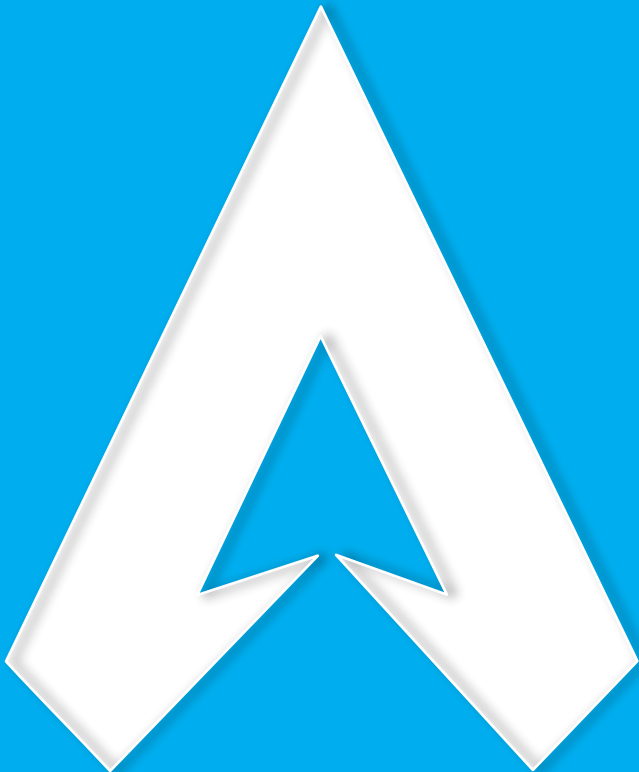
Principle	Impedance method for cells counting Cyanide free colorimetric method for HGB measurement
Counting Modes	Whole Blood, Pre-diluted Blood
Throughput	60 samples/hour
Sample Volume	Whole Blood: 9.9μL
	Pre-diluted Blood: $\leq 20\mu L$
Parameters	21 Parameters: WBC, Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran%, RBC, HGB, MCV, MCH, MCHC, RDW-CV, RDW-SD, HCT, PLT, MPV, PDW, PCT, P-LCR, P-LCC 3 Histogram: WBC, RBC, PLT
Reagent	2 reagents + 1 maintenance cleanser
Input	10.4-inch touch screen
	Mouse, Keyboard
Reference value Settings	Preset 5 sets of reference values: Man, Woman, Child, Baby and General
Calibration	Manual, Calibrant, Fresh Blood
Data Ports	1 network port, 1 RS-232 port, 4 USB ports
Power	AC110/115V or AC220/230V, 50Hz Input power: $\leq 150VA$
Operating Temperature	10°C~30°C
Relative Humidity	$\leq 70\%$
Atmospheric Pressure	70kPa~106kPa

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AeHealth

Do Ahead of the Illness!

CE ISO 13485



AerC-3[®]

Auto 3-Diff Hematology Analyzer



Designed by “reddot” award winner team
“Red-Star” award winner team

Highlight Feature

Product Advantages

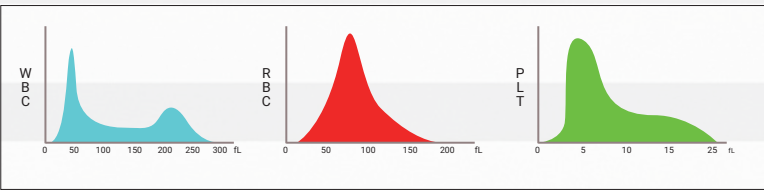
Correlation



AerC-3 Auto Hematology Analyzer is a clinical test instrument with rich functions and easy operation. It can provide 21 parameters and 3 histograms. Double channel counting. During the sample analysis process, automatic blockage removal and automatic re-counting ensure accurate and stable test results. Widely used in hospital laboratories, clinical departments and research centers.

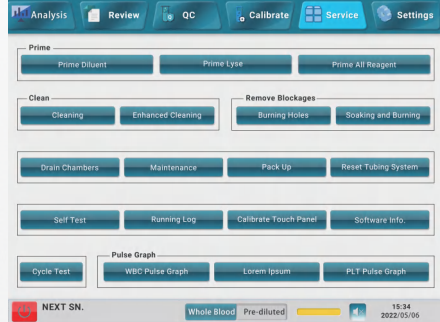
Advanced Parameters

- 21 Parameters, 3 Histograms
- Possible choice of parameter units, Several languages available



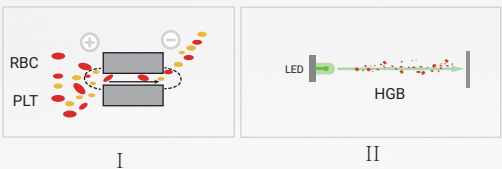
Block-clearing

- Soak and wash back and forth. real time monitoring function of high pressure burning and automatic block-clearing



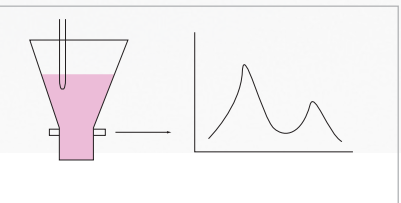
High Accuracy

- Double channel counting, no cross-contamination between channels and low carryover rate
- Automatically adjusting voltage of HGB blank, Automatically adjust alarm thresholds of clogging and bubble of counting apertures



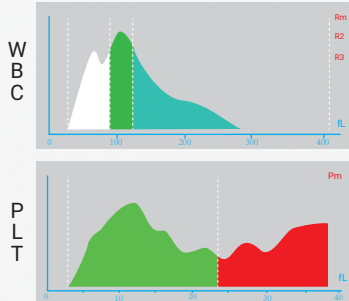
Automatic re-counting

- Automatically re-counting after unclogging treatment while a counting hole is clogged, avoid re-counting blood



Abnormal histogram alarm

- If the histogram of the sample analysis result is abnormal. The machine will automatically generate a histogram alarm. Prompt R1, R2, R3, R4, Rm, Pm according to the type of exception



Cost Efficiency

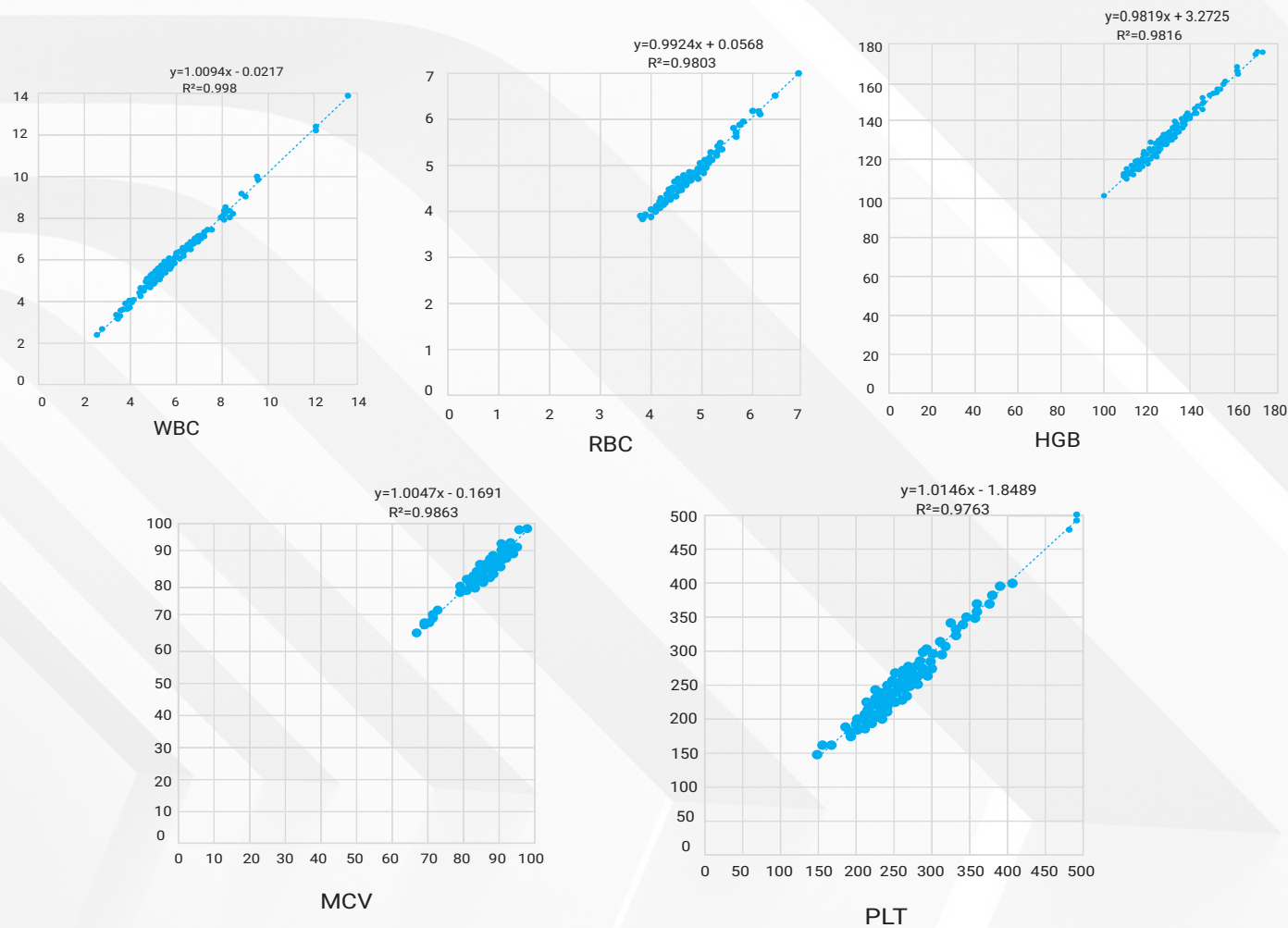
- 2 reagent: Diluent and Lyse
- Low reagent consumption
- Lyse inside the analyzer, high space utilization



Safety design

- Circuit and liquid separation, safety protection
- Convenient maintenance

Comparison result with S brand



Routine reagent

- Diluent 20 L
- Lyse 500 mL

Maintenance reagent

- Cleaner 50 mL

