



## ANALYSEUR D'HEMATOLOGIE XF-A6000

### XFA6000 Intelligent hematology analyzer

#### Features:

1. The largest data storage of 1,000,000 sample with histogram.
2. Advanced Display: 8" 800\*600 TFT colorful LCD touch screen;
3. Sampling with 18 position tube holder, automatic sample blending; and intelligent barcode scanning
4. Double controlling system :Graphic touch screen & keyboard;
5. Comprehensive QC Programs including L-J/X-B analysis; and automatic calibration;
6. Multiple Interface: RS232 joint/ PS2/Mouse/LPT Port/USB port/ Audio port;
7. Multiple printing report form: 8 kinds of report form are available and can convert to internal and external printer automatically;
8. More accurate and effective testing: Adopt three times counting voting principle and advanced waveform analysis technique, and coordinate with the high-speed data acquisition and high performance data processing system;
9. Screw driving to assure the testing result more accurate;
10. Unique Piping Design combined with Sweep Flow promise the stability and reliability of the system and save the reagent as well;
11. Advanced High Voltage galvanic corrosion and Unique Positive Voltage Back flush technology, and intelligent protection and maintenance automatically to avoid the blocking more effectively;
12. Intelligent false and clue warning system and Language Awareness clue and supporting to internet transmission upgrade.
13. Multiple sample volume: Whole Blood/Twig Blood and examination by centesis are available;
14. Flexible and multiple editing ways for reference value of male and female/ adult and children;

Widest power supply range: 98-264V; 47Hz—63Hz.





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### Specifications

Test Items	WBC, LY#, MO#, GR#, LY%, MO%, GR%, HGB, RBC, HCT, MCV, MCH, MCHC, RDW—CV, RDW—SD, PLT, PCT, MPV, PDW, WBC Histogram, RBC Histogram, PLT Histogram		
Background Count	WBC: $\leq 0.3 \times 10^9/L$ RBC: $\leq 0.03 \times 10^{12}/L$ HGB: $\leq 1g/L$ PLT: $\leq 10 \times 10^9/L$		
Linearity	Test Item	Test Range	Allow Difference of Linearity
	WBC	$0.5-10.0 \times 10^9/L$	$\pm 0.5 \times 10^9/L$
		$10.1-99.9 \times 10^9/L$	$\pm 5\%$
	RBC	$0-1.0 \times 10^{12}/L$	$\pm 0.05 \times 10^{12}/L$
		$1.01-8.00 \times 10^{12}/L$	$\pm 5\%$
	HGB	20-70 g/L	$\pm 2g/L$
71-300 g/L		$\pm 3\%$	
PLT	$10-100 \times 10^9/L$	$\pm 10 \times 10^9/L$	
	$101-999 \times 10^9/L$	$\pm 10\%$	
Repeatability	Test Item	CV(%)	Test Range
	WBC	$\leq 0.5$	$4.0 \sim 10.0 \times 10^9/L$
	RBC	$\leq 0.5$	$3.5 \sim 5.5 \times 10^{12}/L$
	HGB	$\leq 0.5$	110~160g/L
	PLT	$\leq 1.0$	$100 \sim 300 \times 10^9/L$
	MCV	$\leq 0.5$	80~110fL
Sample Volume	Twig blood: 20 $\mu$ l, Whole Blood: 13 $\mu$ l;		
Dilution Ratio	WBC/HGB: 1:500 RBC/PLT: 1:50000		
Interfaces	RS232 joint, USB, PS2, Parallel port		
Test Speed	60 samples/hours		
Continuous Work Time	>8h		

