

The future of technology

XFA6000 Auto Hematology Analyzer

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: $<0.3 \times 10^9/L$ RBC: $<0.03 \times 10^{12}/L$ HGB: $<1g/L$ PLT: $<10 \times 10^9/L$		
Linearity	Test Item	Test Range	Allow difference of Linearity
	WBC	0~6.0 x 10 ⁹ /L	+0.3 x 10 ⁹ /L
		6.0~99.9 x 10 ⁹ /L	+5%
	RBC	0~0.99 x 10 ¹² /L	+0.05 x 10 ¹² /L
		1.0~9.99 x 10 ¹² /L	+5%
	HGB	0~99 g/L	+2g/L
100~300 g/L		+2%	
PLT	0~99 x 10 ⁹ /L	+10 x 10 ⁹ /L	
	100~999 x 10 ⁹ /L	+10%	
Repeatability	Test Item	CV(%)	Test Range
	WBC	<2	7.0~15.0 x 10 ⁹ /L
	RBC	<0.5	3.5~6.0 x 10 ¹² /L
	HGB	<1.5	110~180g/L
	PLT	<4	150~500 x 10 ⁹ /L
	MCV	<0.5	80~110fL
Sample Volume	Twig Blood: 2.0 µl		
Dilution Ratio	WBC/HGB: 1:500 RBC/PLT: 1:500000		
Interfaces	RS232 joint, USB, PS2, Parallel port		
Test Speed	60 samples/hours		
Continuous Work Time	>8h		

