

## XFA5000 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		
Linearity	Test Item	Test Range	Allow difference of Linearity
	WBC ( $\times 10^9/L$ )	0.0~99.9	CV <2% (4.0-10.0 $\times 10^9/L$ )
	RBC ( $\times 10^{12}/L$ )	0.0~99.9	CV <1.5% (2-6.0 $\times 10^{12}/L$ )
	HGB (g/L)	20~200	SD <3g/L (30-100) g/L CV <1.5% (101-200) g/L
	MCV (fL)	40.0~150	CV <0.5% (80.0-100fL)
	PLT ( $\times 10^9/L$ )	0.0~999	CV <4.0% (100-500 $\times 10^9/L$ )
Repeatability	Test Item	CV(%)	Test Range
	WBC	<2	4.0~10.0 $\times 10^9/L$
	RBC	<1.5	3.5~6.0 $\times 10^{12}/L$
	HGB	SD <3g/L CV <1.5% (101-200) g/L	30~100g/L 101~200g/L
	PLT	<4	100~300 $\times 10^9/L$
	MCV	<0.5	80~110fL
Sample Volume	Twig Blood: 2.0 $\mu$ l		
Dilution Ratio	WBC/HGB: 1:500 RBC/PLT: 1:500000		
Interfaces	RS232 joint, USB, PS2, Parallel port		
Continuous Work Time	>8h		

