



# VH-22 Veterinary Auto Hematology Analyzer (22 Parameters)

## Technical 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	<b>Test Item</b>	<b>Test Range</b>	<b>Allow Difference of Linearity</b>
	WBC	0 $6.0 \times 10^9/L$	$\pm 0.3 \times 10^9/L$
		6.0 $99.9 \times 10^9/L$	$\pm 5\%$
	RBC	0 $0.99 \times 10^{12}/L$	$\pm 0.05 \times 10^{12}/L$
		1.0 $9.99 \times 10^{12}/L$	$\pm 5\%$
	HGB	0 99 g/L	$\pm 2g/L$
		100 300 g/L	$\pm 2\%$
	PLT	0 $99 \times 10^9/L$	$\pm 10 \times 10^9/L$
100 $999 \times 10^9/L$		$\pm 10\%$	
Repeatability	<b>Test Item</b>	<b>CV(%)</b>	<b>Test Range</b>
	WBC	$\leq 2.0$	$7.0 \sim 15.0 \times 10^9/L$
	RBC	$\leq 0.5$	$3.5 \sim 6.0 \times 10^{12}/L$
	HGB	$\leq 1.5$	110 $\sim$ 180g/L
	PLT	$\leq 4.0$	$150 \sim 500 \times 10^9/L$
	MCV	$\leq 0.5$	80 $\sim$ 110fL
Sample Volume	Twig blood: 20 $\mu$ 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		