

## Technical Specifications

Model	H-7021	H-7018	*H-Vet
<b>Automatization</b>	Fully automatic	Fully automatic	Fully automatic
<b>Throughput</b>	60 tests/hr	30 tests/hr	60 tests/hr
<b>Parameters</b>	WBC, LY, MO, GR, LY%, MO%, GR% RBC, HCT, MCV, RDW-SD, RDW-CV, MCH, MCHC PLT, MPV, PCT, PDW, HGB WBC histograms, RBC histograms, PLT histograms		
<b>Measuring Principle</b>	Electro-impedance, photometric analysis		
<b>Sample Volume</b>	10ul (whole blood), 20ul (prediluted blood)		
<b>Storage</b>	200,000 results including histograms		
<b>Display</b>	LCD displaying all the reading results of sample		
<b>Printer</b>	Built-in thermal printer or interface to external printer		
<b>Data Input</b>	keypad (mouse and keyboard available)		
<b>Output</b>	RS-232, USB, Internet access, available for LIS system		
<b>QC</b>	QC Program calculates X, SD, CV%, saves data		
<b>Language</b>	English, other languages on request		
<b>Power Supply</b>	AC110V/ 60Hz or 220V/ 50Hz		
<b>Dimensions</b>	43cm x 32cm x 50.5cm		
<b>Weight</b>	20.0Kg		

\*H-Vet is specially designed for veterinary clinic use, with 14 species: rat, mouse, rabbit, dog, cat, pig, cow, goat, sheep, horse, camel, primate, ferret and so on.

### Linearity Range

WBC	0.0-99.9 ( $\times 10^9/L$ )
RBC	0.0-9.9 ( $\times 10^{12}/L$ )
HGB	0.0-300 (g/L)
PLT	0-999 ( $\times 10^9/L$ )

### Accuracy(CV%)

WBC < 2.0%	RBC $\leq$ 1.5%	PCT $\leq$ 3.0%
PLT < 4.0%	HGB < 1.5%	MPV $\leq$ 3.0%
HCT $\leq$ 2.0%	MCV < 1.0%	PDW $\leq$ 3.0%
MCH $\leq$ 2.0%	MCHC $\leq$ 2.0%	

## Features

- Easy operation
- Carry-over prevented by automatic probe interior and exterior cleaning
- Both whole blood test mode and prediluted blood test mode available
- Automatic self-diagnosing and alarm function
- Internal real-time monitoring system
- Clog prevention and maintenance function
- Automatic 24 hours standby function
- Multiple report formats available
- Free cyanide reagent