## Infitek

# **Hematology Analyzer for Vet**

PART AUTO & DIFF FULLY AUTO





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## **3-Diff Fully Auto Hematology Analyzer**

#### **HEMA-A3-3020**





**Main Advantages** 

3diff of WBC





#### **USB** port

4USB port for connecting printer, mouse, keyboard and barcode scanner



#### **Support LIS**

The analyzer support Two-way LIS system



#### Abnormal alarms

The analyzer give alarms while abnormal happens



## Precise and stable testing report

### Intelligent maintenance

Analyzer is equipped with automatically maintenance setting, operate the auto cleaning and mentain



#### Liquid level sensing

The analyzer give alarm while insufficient reagent balance, remind the user to change new reagents timely



# Data batch export

Multiple report formats

PDF and JPG format available

External barcod scanner

Support date batch exported to PC side and U disk

Convenient for reading the reagents barcode

Adjustable printing order of different param-



#### Mass data storage

50,000 sample results with histograms can be stored

### **Specifications**

Model	HEMA-A3-3020	
Working Principles	Electrical impedance method to measure the volume and number of cells	
	HGB: colorimetric method	
Analysis Mode	CBC	
Working Environment	Temperature: 10-30°C	
	Humidity≤70%	
	Pressure: 70-106kPa	
Sample Volume	Venous mode, Capillary mode, Pre-diluted mode≤20µL	
Parameters	21 Parameters: WBC, Lym#, Gran#, Mid#, Lym%, Gran%, Mid%, RBC, HGB, HC	
	MCV, MCH, MCHC, RDW-SD, RWD-CV, PLT, MPV, PDW, PCT, P-LCR,P-LCC	
	3 histograms:WBC/RBC/PLT	
Reagent	Diluent, Lyse	
Language	Chinese/English/Spanish/Portuguese	
	Support cuctomized language	
Display	10.4" IPS color touch screen Resolution: 800*600	
Storage	50,000 sample results with histograms	
QC Mode	L-J /X-B	
Calibration	Auto calibration, Manual calibration	
Throughput	60 samples / h	
Dimension	620mm*580mm*585mm	
Net Weight	23.5kg	
G.W.(kg)	32kg	
Species	Dog, cat, horse, pig, cattle, sheep, rabbit, monkey, rat, mouse and 10	
	user-defined species.	

#### Performance

Parameters	Repeatability	Linearity
WBC	≤2.0% (3.5-15×109/L)	0.00-300.0×109/L
RBC	≤1.5% (3.5-6.5×1012/L)	0.00-8.0×1012/L
HGB	≤1.5% (100-180g/L)	0.00-250g/L
PLT	≤4.0% (100-500×109/L)	0.00-4000×109/L
MCV	≤1.5% (70-110) fL	1
HCT	≤1.5% (35.0-50.0)%	(0.00-70)%

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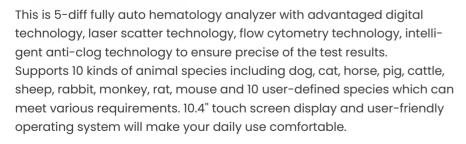
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## **5-Diff Fully Auto Hematology Analyzer**

HEMA-A5-7010













### **Specifications**

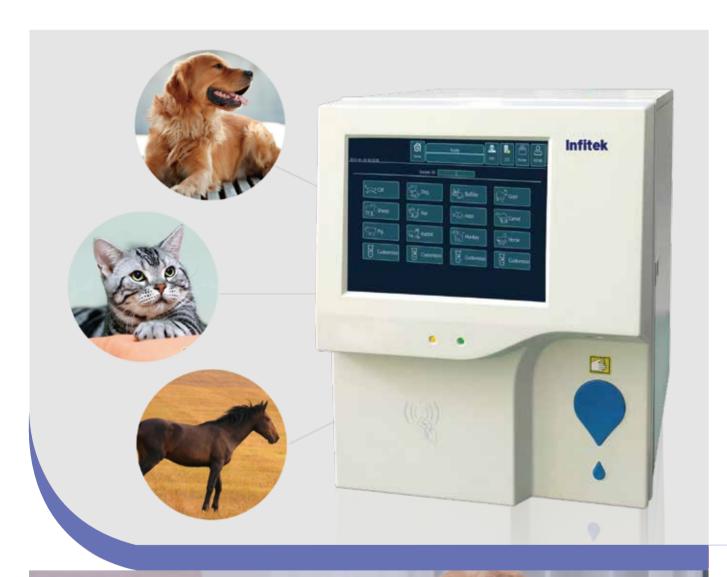
Model	HEMA-A5-7010	
Principles	WBC: Semiconductor Laser Flow Cytometry Method	
	RBC/PLT: Electrical Impedance Method HGB: Colorimetric method	
Throughput	60 samples per hour	
Sample Consumption	Venous/ Capillary/ Pre-diluted mode≤20µL	
Test Mode	CBC+ DIFF、CBC	
Calibration	Auto calibration, Manual calibration	
QC Mode	L-J, X-B	
Parameters	WBC,Neu#,Lym#,Mon#,Eos#,Bas#,	
	Neu%,Lym%,Mon%,Eos%,Bas%,RBC,	
	HGB,HCT,MCV,MCH,MCHC,RDW-SD,	
	RDW-CV,PLT,MPV,PDW,PCT	
Species of animals	Dog, Cat, Horse, Pig, Cattle, Sheep, Rabbit, Monkey, Rat, Mouse and 10 User-defined species.	
Display	10.4" touch screen display	
Language	Chinese, English, Spanish, Portuguese	
Working Environment	Temperature: 10-30℃, Humidity≤70%	
Dimension	620mm(W)x580mm(D)x585mm(H)	
Net weight	25KG	
Gross weight	34KG	
Weight	26.5KG	
Storage	50,000 sample results inclusive scatter diagrams and histograms	
Linearity	WBC: 1.0-99.9×109/L	
	RBC: 0.3-7.0×1012/L	
	PLT: 20-999×109/L	
	HGB: 20-240g/L	

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## **Veterinary Hematology Analyzer**, 3Parts

**HEMA-V6190** 





## Description

Veterinary Hematology Analyzer has rich product performance, convenient human interaction and powerful data management system, which can detect different animal samples such as



Throughout:60 tests/hour



Sample Volume:10µL



21 detection parameters + 3 histograms



Blood Sample:Whole blood, peripheral blood

#### **Features**

#### **Rich product performance**

- 3-Parts Veterinary Hematology Analyzer, 21 detection parameters + 3 histograms
- Only 10µL of venous blood and peripheral blood
- Throughout:60 tests/hour
- Intelligent WBC, RBC, PLT floating landmarks
- Automatic storage, including sample test results, graphics, sample information, and sample abnormality prompts.

#### Pleasant usage experience

- Multi-user permission management
- Thermal printer, support external printer
- A variety of printing formats are optional, and support customized printing templates
- Various reference value ranges, support user-defined
- Rich quality control calibration function
- English prompt sample abnormal information
- 24-hour power on and customized sleep time

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#### Convenient human-computer interaction

- 10.4" color touch LCD display, all results and histograms are displayed on the same screen
- English operation, support multiple languages
- Keyboard and mouse input, support barcode scanning (optional)
- One-key maintenance to eliminate faults

#### Intelligent reagent management function

- Reagents for animals
- Original supporting reagents and maintenance reagents
- Graphic and text display of reagent information and remaining amount
- Supporting consumables: high, medium and low quality control blood, concentrated cleaning solution

#### Powerful data management system

- Wireless connection: WiFi, Bluetooth and other wireless data transmission, Enables wireless printing, LIS connectivity, lab LAN
- Abundant interfaces: USB, LAN, RS232, HDMI
- Bidirectional LIS communication, HL7 and other transmission formats
- Support remote diagnosis, data import and export, offline reading

#### **After-sales service**

- The online after-sales service order system realizes the online contactless order to change the traditional order mode.
- Accurate and convenient after-sale installation, repair and maintenance services.

### **Specification**

Model	HEMA-V6190	
21 Parameters	WBC, LYM#, MID#, GR#, LYM%, MID%, GR%, RBC,HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCC, P-LCR	
3 Histograms	WBC,RBC, PLT	
Species	12 pre-set species including Canine, Feline, Equine, Bovine, Murine, Swine, Leporid 4 optional species	
Blood Sample	Whole blood, peripheral blood	
Sample Volume	10μL	
Storage Capacity	Auto-save, more than 200,000 analysis results available	
Throughout	60 tests/hour	
Data Search Mode	By Sample ID, Patient ID, Date, Multi-keywords. Loading/extracting data, offline reading	
Display	10.4 inch colorful touch screen	
Operation Mode	Touch screen, keyboard/mouse	
Quality Control	L-J, X-R, X-B,etc	
Printout	Thermal printer (defaulted),available for external printers  Optional printing templates and format	
Data Communication	LIS, HL7	
Wireless Connection	Wifi, Bluetooth	
Ports	LAN×1, RS232×1, HDMI×1	
Optional Accessories	Handheld Barcode Scanner	
Electricity	110-240V, 50/60Hz	
N.W./G.W.(kg)	17/31	
Dimension(W*D*H)	440*350*440mm	
Package Dimension (w*D*H)(mm)	680*590*650	

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