

A professional partner for veterinary diagnosis

**VH 30**



**19 species available Passed clinicle test**

Every species with specific reference range



**Smart counting mode Low WBC/PLT value samples**

For neonatal pups, viral infections, sick dogs and cats

## 3-Part Hematology Analyzer

 **genetech**

### Throughput

60 samples/hour

### Principle

Impedance for WBC, RBC, PLT  
Cyanide-free method for HGB

### Species

19 species, and support custom species  
Cat, Dog, Rabbit, Sheep, Goat, Cattle, Horse,  
Rat, Mouse, Llama, Deer, Musk deer, Tiger,  
Monkey, Dolphin, Pig, Camel, Ferret

### Parameters

24 parameters including: WBC, Neu#, Lym#,  
Mid#, Neu%, Lym%, Mid%, RBC, HGB,  
HCT, MCV, MCH, MCHC, RDW-SD,  
RDW-CV, PLT, MPV, PDW-SD, PDW-CV,  
PCT, P-LCR, P-LCC, NLR, PLR

### Histograms

3 histograms (WBC, RBC, PLT)

### Sample volume

Whole blood mode: 9ul  
Capillary mode: 9ul  
Prediluted mode: 20μl

### Calibration

Manual calibration, auto calibration

### Quality control

3-level QC L-J QC, X-B QC

### Reagent

Diluent: 5L, Lyse: 250ml  
Probe cleanser: 50ml

### Net weight

17.5kg

### Interface

4 USB ports, 1 Network port

### Communication

Support Bi-directional LIS

### Storage

600,000 results with histograms

### Input and output

10.4 inch touch screen  
Reagent room for lyse  
Internal printer

### Dimension

430mm\*280mm\*400mm(D\*W\*H)

### Work environment

10-40°C, 10%-90%  
100-240 AC, 50/60Hz, 160VA  
70kPa-106.0kPa

### Language

English, Spanish, Italian, French,  
Russian, Portuguese, Ukrainian, etc.

## ► Performance

Parameters	Precision(CV)
WBC	≤ 3.0% (6.0-15.0)×10 <sup>9</sup> /L
RBC	≤ 3.0% (3.5-10.0)×10 <sup>12</sup> /L
HGB	≤ 2.0% (110.0-180.0)g/L
MCV	≤ 1.0% (60.0- 95.0)fL
PLT	≤ 4.0% (150.0-500.0) × 10 <sup>9</sup> /L

Parameters	Linearity range
WBC	(1.00-200.0) × 10 <sup>9</sup> /L
RBC	(0.30-17.00) × 10 <sup>12</sup> /L
HGB	(20.0-250.0)g/L
PLT	(20-5000) × 10 <sup>9</sup> /L