



- 10.4 inches TFT touch screen
- Support up to 20 customized animal detection modes
- Build-in thermal printer and USB external printers
- Small package reagents

## **H3820 FOR VET**

3-Part Auto Hematology Analyzer for Vet





## Application Scenarios

- ▀ Pet hospitals
- ▀ Veterinary hospitals
- ▀ Teaching laboratories
- ▀ Research institutes

## Multi-species

Dog, cat, rabbit, cow, horse, sheep, rat, mice, guinea pig, pig, monkey, gerbil, hamster, chinchilla, ferret, hedgehog, camel, etc.

### Parameters

19 reportable parameters: WBC, Gran#, Lym#, Mid#, Gran%, Lym%, Mid%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT  
3 histograms for WBC, RBC and PLT

### Principles

Impedance method for WBC, RBC and PLT test  
Cyanide free colorimetry for HGB test

### Throughput

Up to 35 tests per hour

### Sample volume

17µL

### Sample mode

Whole blood mode and pre-diluted mode

### Storage

Up to 50,000 records

### Repeatability

WBC:  $\leq 3.0\%$  ( $4.00-15.00 \times 10^9/L$ )  
RBC:  $\leq 2.0\%$  ( $>3.50 \times 10^{12}/L$ )  
HGB:  $\leq 2.0\%$  (110-180g/L)  
MCV:  $\leq 1.0\%$  (40.0-110.0fL)  
PLT: for dog  $\leq 6.0\%$  ( $150-500 \times 10^9/L$ );  
for cat  $\leq 10.0\%$  ( $150-500 \times 10^9/L$ )

### Display

10.4 inches TFT touch screen

### Communication

Support bi-directional LIS

### Interface

4 USB ports, 1 LAN port

### Linearity range

WBC:  $0.00-200 \times 10^9/L$   
RBC:  $0.00-17.00 \times 10^{12}/L$   
HGB: 0-250g/L  
PLT:  $0-3000 \times 10^9/L$   
HCT: 0.0-67%

### Dimension

364mm(W)×477mm(D)×417mm(H)

### Net weight

26kg

### Power requirement

100V-240V~, 50/60Hz



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Old logo is now . The old logo will be continued to be used upon requests.