

# DF56 Vet

5-Part Auto Hematology Analyzer for Vet

## Application Scenarios

- Pet hospitals
- Veterinary hospitals
- Teaching laboratories



## Multi-species

Dog, cat, rabbit, cow, horse, sheep

### Principles

Electrical Impedance method for determining the RBC and PLT data  
 Colorimetric method for determining the HGB  
 Laser-based flow cytometry for determining the WBC data

### 23 Parameters

WBC, Neu%, Neu#, Mon%, Mon#, Lym%, Lym#, Eos%, Eos#, Bas%, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT

### Sample volume

≤20μL

### Sample type

Venous whole blood and pre-diluted whole blood

### Throughput

Up to 60 test per hour

### Storage capacity

Up to 50,000 records

### Languages

English, French, Russian, Spanish, Portuguese, Chinese

### Printout

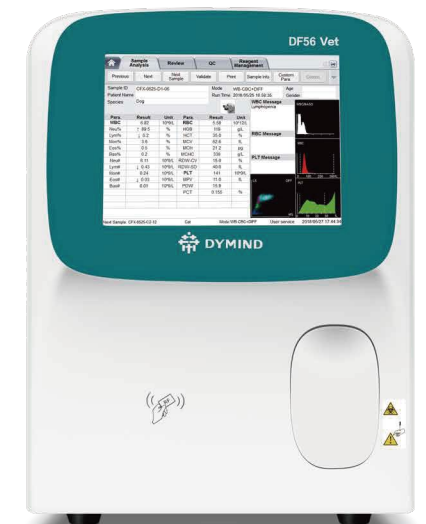
Build in thermal printer, support external inkjets and laser printers

### Dimension

364mm(W)\*498mm(D)\*431mm(H)

### Display

10.4 inches touch screen



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P/N: EN-DF56 Vet-Pet version[2.0]

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5-Part Auto Hematology Analyzer for Vet


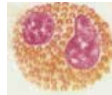

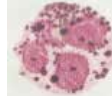



-  **6 species for pet version:** dog, cat, rabbit, cow, horse, sheep.
-  **Easy operation:** 10.4 inches TFT touch screen
-  **Saving space:** small footprint, build-in reagent position

### Advantages of 5-Part Hematology Analyzer

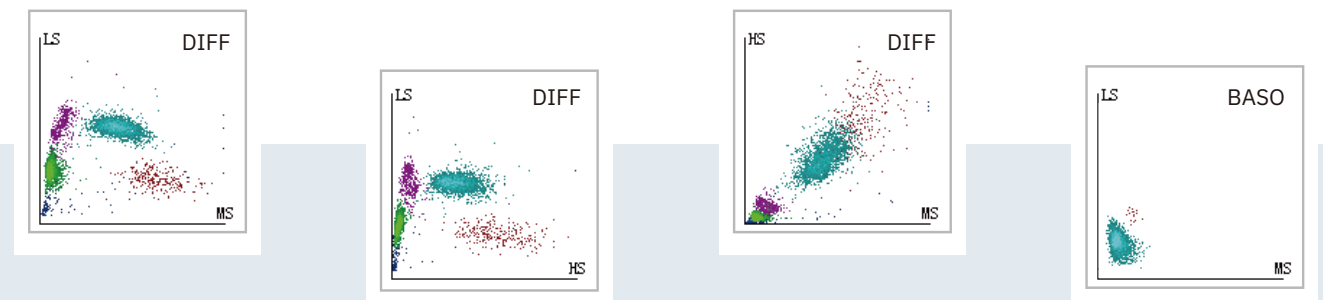
- Graphical
- Quickly display cell morphology
- Each dot represents a cell, and cells are pooled into mass. The density is a quantitative index of the cell mass
- In case of an abnormal result, it can be clearly and quickly observed
- WBC classification results are unaffected by Heinz bodies and polychromatic RBC

### WBC differentiation and clinical significance

 Lymphocytes percentage (LYM)	 Eosinophils number (EOS)
 Monocytes number (MON)	 Basophils number (BASO)
 Neutrophils number (NEU)	

**Increased:** Autoimmune disorder, certain medications

**Decreased:** Infection or inflammation, immune system disorder, bone marrow disease, reaction to medication



**5 DIFF can provide 4 scattergram, allowing doctors to intuitively understand the distribution of WBC and the direction of changes in the number of WBC, thereby help the doctor better diagnosis disease.**