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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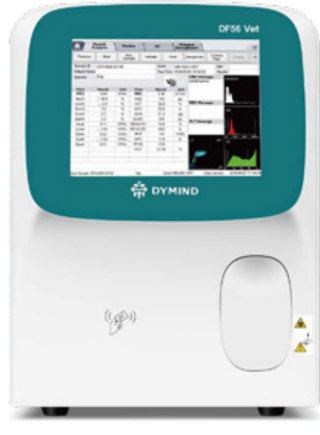
P/N: EN-DF56 Vet-R[2.0]

DYMIND



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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)


Monocytes number(MON)

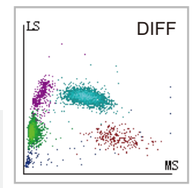

Neutrophils number((NEU)

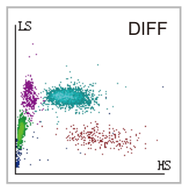

Eosinophils number(EOS)

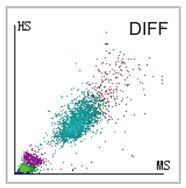

Basophils number(BASO)

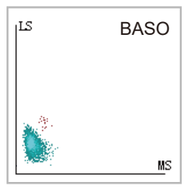
Increased: Autoimmune disorder, certain medications

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.