



# DF66X Vet

Automatic Hematology Analyzer for vet



### Principle

Tri-angle laser scattering & flow cytometry for WBC differentiation

Impedance for RBC/PLT counting

Cyanide-free colorimetric method for HGB calculating

Latex-enhanced nephelometry method for CRP

### Test Mode

CBC, CBC+DIFF, CRP, CBC+DIFF+CRP

### Parameter

25 reportable parameters:

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

3 Histograms & 4 Scattergrams

### Sample Volume

≤29μL

### Throughput

Up to 60T/H

### Species

Cat, Dog, Rabbit, Cow, Horse, Sheep

### Display

10.4 inch color screen

### Data Transmission

USB, LAN port

HL7 with bi-direction LIS are available.

### Data Storage

≥50,000

### Printout

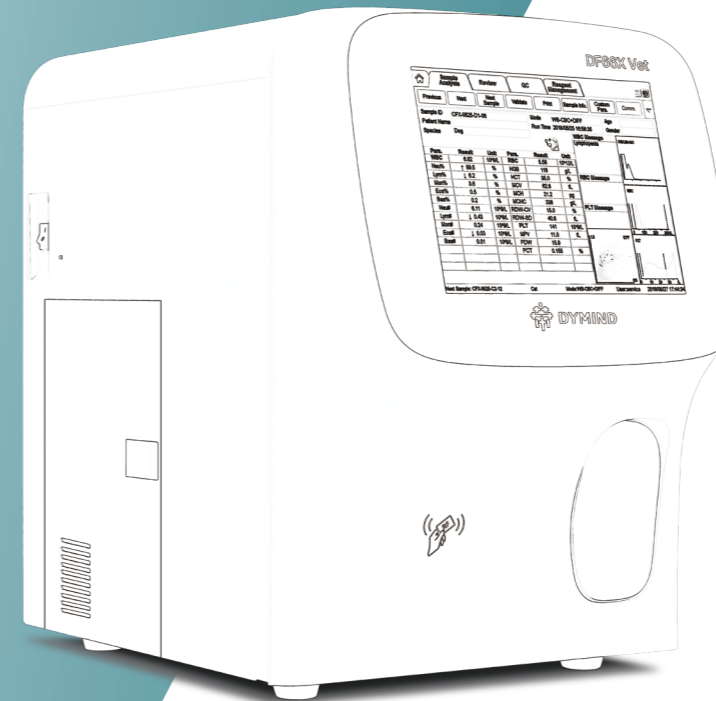
Compatible with multiple print formats & user-defined set

### Size

W\*D\*H: 360mm\*500mm\*490mm

### Weight

32Kg



Compact & Powerful

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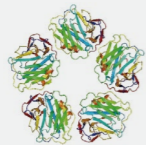
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P/N: EN-DF66X Vet[3.0]

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## Clinical Application - Respective Items

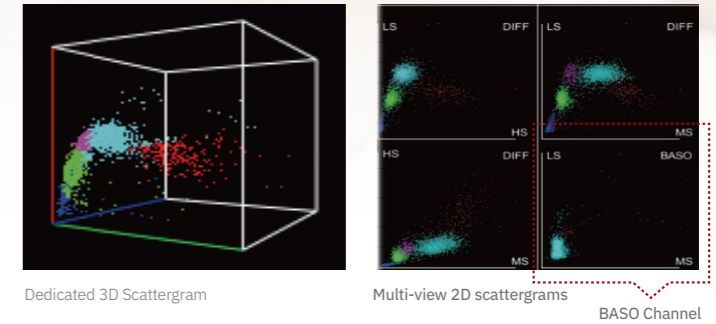
WBC	Gran	Neutrophil (Neu)	Diameter: 12~15μm	<ol style="list-style-type: none"> <li>1. Rapidly migrate to inflammatory area</li> <li>2. Defend against microorganisms into the tissue</li> <li>3. Leave from the blood into tissues for killing bacteria</li> </ol>
	Lymph	Lymphocyte (Lym)	Small lymphocytes diameter: 7-9μm Middle and large lymphocytes diameter: 9-11μm	<ol style="list-style-type: none"> <li>1. B Lymphocytes differentiate into plasmocyte, involving in humoral immunity</li> <li>2. T lymphocytes differentiate into effector T cells, which involves in cellular immunity and activates the immune response of the body</li> </ol>
		Monocyte (Mon)	Diameter: 15~20μm	<ol style="list-style-type: none"> <li>1. Phagocytosis ability</li> <li>2. Regulate inflammation and activate immune response</li> <li>3. Involve in the regulation of iron storage</li> </ol>
	Mid	Eosinophil (Eos)	Diameter: 12~20μm	<ol style="list-style-type: none"> <li>1. Predominant part in allergic reaction</li> <li>2. Defend against parasites</li> <li>3. Limited phagocytosis and bactericidal effect</li> </ol>
		Basophil (Bas)	Diameter: 12~20μm	<ol style="list-style-type: none"> <li>1. Contain histamine and heparin, involving in the regulation of allergy and inflammation</li> <li>2. Defend against parasites</li> </ol>
CRP		C-reactive Protein		<ol style="list-style-type: none"> <li>1. Animal injuries, surgery, poison, etc.</li> <li>2. Canine Infection of respiratory tract, urinary tract</li> <li>3. Gastroenteritis, hepatitis, pneumonia, tumor, cardiovascular or immune disease</li> </ol>

## Why CBC+SAA?

Not affected by multiple drug effects	Initial routine health examination	Rapid response without evident symptoms
Inflammation extent and level feedback	Prognostic and curative effect judgement	

## Multiple Choice of Species

Development for new species is available



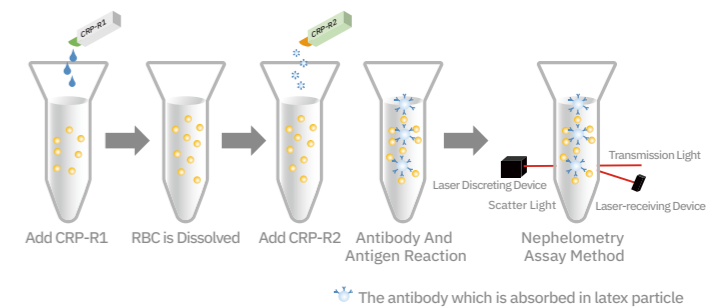
## Intelligent Reagent Management

Display reagent information in real time  
Easy operation for reagent renew with RF card

Replace Reagent	Clean	Maintain	Comprehensive Device	Reagent Management
				
DIL-M Diluent	LYM-3 Lyse	LYM-2 Lyse	LYM-1 Lyse	

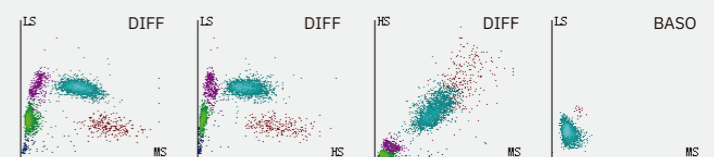
## Advanced Latex-enhanced Nephelometry Method

For excellent precision and accuracy



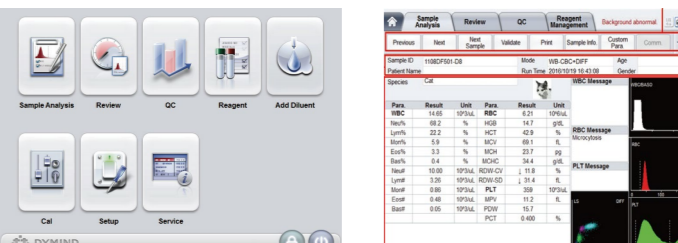
## Dedicated BASO Channel

For better WBC differentiation



## Humanized Software Management

For satisfying user interaction experience



Sample Analysis, Review, QC, Reagent, Add Diluent

Cal, Setup, Service

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