

BHA-5000Vet

Automatic Hematology Analyzer

Technical Parameters

23 Whole Blood Reportable

WBC、LYM%、LYM#、NEU%、NEU#、MON%、MON#、EOS%、EOS#、BAS%、BAS#、RBC、HGB、HCT、MCV、MCH、MCHC、RDW-SD、RDW-CV、PLT、PDW、MPV、PCT

Principles

Laser Scatter in Flow Cytometry
Classic Electrical Impedance Method
Mature Photoelectric Colorimetry

Power Supply

220V±22~AC,50±1 Hz
Larger voltage range can be supported by transformers

Sample Volume

Whole blood: 15 μL
Diluted blood: 20 μL

Dimensions

328 mm (L) x 471 mm (W) x 446 mm (H)

Performance

Parameter	Precision (CV%)
WBC	≤4.0
RBC	≤2.0
HGB	≤2.0
PLT (10 ³ /μL)	≤8.0
MCV	≤3.0

Display

10.4 Inch capacitive touch screen

Cases Storage

10,000 samples (incl. graphics)

Quality Control

L-J QC, X-B QC

Weight

21 kg



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Let Healthcare
Benefit Animals



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WWBH2-5K-02

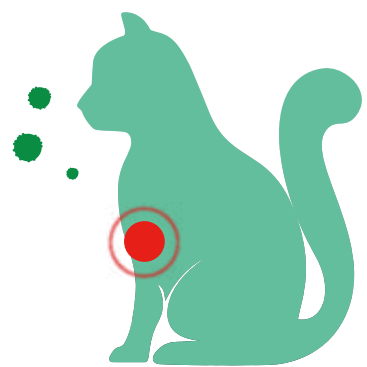


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Automatic Hematology Analyzer

A Convenient and Reliable Diagnostic: Optimal Solution for Animal Health Judgment

Complete Blood Count (CBC) is a routine blood test performed on pets to provide objective information about the general health status of an animal. The objective data obtained from a CBC can indicate the presence of many forms of diseases and can be helpful in monitoring ill animals undergoing therapy.



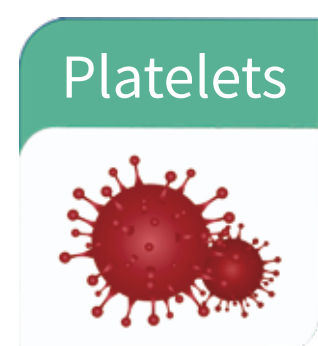
Complete Blood Count Applications



Providing evidence for diagnosis of inflammation or allergic diseases of animals, such as parasitosis, canine allergic bronchitis, cat asthma, allergic gastroenteritis, etc.



Aiding in diagnosing different kinds of anemia and polycythemia.



Aiding in diagnosing thrombocytosis.
Primary thrombocytosis: essential thrombocythemia, myelodysplastic syndrome, etc.
Secondary thrombocytosis: high platelets caused by acute infection, hemorrhage, hemolysis, etc.

Species of Animals

Dog, cat, pig, horse, sheep, rabbit, camel, one self-programmed animal.



Humanization

- ✓ Venous blood sample volume: 15 μ L
- ✓ Less pain during blood collection
- ✓ Sample type: venous blood / capillary blood (pre-dilution mode) to meet different needs

Laser Scattering Method

- ✓ Obtain information on the size and internal composition of WBC and classify them

Digital Filtering

- ✓ Effectively remove interference from impurity signals

Optical Method for BASO

- ✓ Avoid errors caused by the partial overlap of basophil and leukocyte

High Efficiency and No Residue

- ✓ 60 T/H
- ✓ No hematology diluent or lysis reagent residues

Technology Innovation

- ✓ Intelligent scatter classification technology
- ✓ Curve-fitting&floating threshold technique

Blood Cell Overlap Correction Technology

- ✓ Make accurate judgments when cells overlap through the well

Multi-Segment Counting

- ✓ Better exclude biased results and improve test accuracy

Smallest Gem Hole

- ✓ The industry's smallest gem hole of 50 μ m

Display

- ✓ 10.4" capacitive touch screen, improve the sensitivity of touch operation
- ✓ Support operation with rubber gloves