

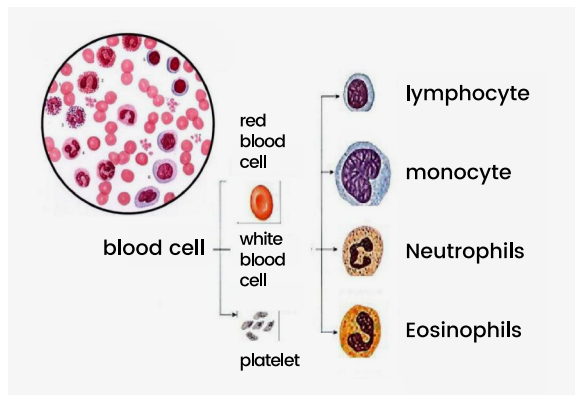
Animal Health Matters 🐾



EaziCheck H400 Veterinary 4-Part Hematology Analyzer – Great Value Choice for Animal Blood Cell Testing



What is the difference between 3-Part and 4-Part Hematology Analyzer?



① Degree of cell classification

3-Part: mainly divides WBCs into three major categories, is relatively general and does not provide detailed enough information for the diagnosis of some complex blood diseases.

4-Part: accurately divide WBCs into lymphocytes, monocytes, neutrophils, and eosinophils, is more helpful for the diagnosis and differential diagnosis of some blood system diseases, infectious diseases, and autoimmune diseases.

② Detection technology and accuracy

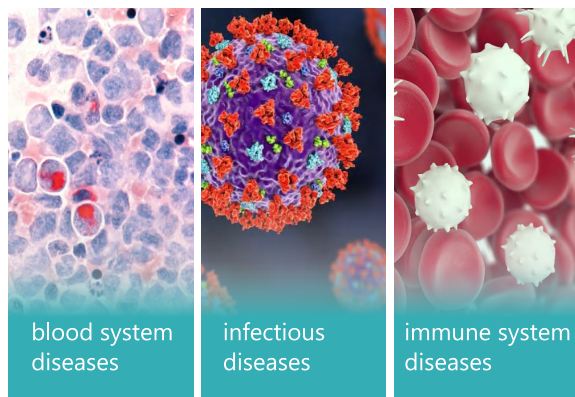
3-Part: impedance method, lyse is used one time per test.

4-Part: impedance as the core principle, Lyse is used twice per test, first for differentiation of lymphocytes and monocytes, second to shrink other WBCs avoid interference and get the result of neutrophils and eosinophils.

③ Clinical application scope

3-Part: applicable to some preliminary and routine inspection scenarios, such as ordinary physical examinations and simple inflammation screenings.

4-Part: more widely used in clinical diagnosis, including blood system diseases (such as preliminary screening of leukemia), infectious diseases (accurately determining the type of infection), immune system diseases (monitoring the changes of immune cells), etc.



Does EaziCheck H400 have any other advantages?



Convenient Operation

10.4-inch color touch screen and the simple with easy-to-understand operation interface.



Wide Applicability

Support 19 species and customized:

Cat, Dog, Rabbit, Sheep, Goat, Cattle, Horse, Rat, Mouse, Llama, Deer, Musk deer, Monkey, Tiger, Dolphin, Pig, Camel, Ferret, Panda.



Super Quality and Competitive

3-Part in price and 4-Part in experience

Use only two routine reagents (2 years shelf life).

Diluent	5L/10L
Lyse	500ml
Probe Cleanser	50ml

Product parameters

Throughput	45 samples/hour
Principle	Impedance for WBC differentiation and WBC/RBC/PLT count Colorimetric method for HGB count
Parameters	26 parameters: WBC, Lym%, Mon%, Neu%, Eos%, Lym#, Mon#, Neu#, Eos#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW-CV, PDW-SD, PCT, P-LCR, P-LCC, NLR, PLR
Histograms	4 histograms (including WBC, EOS, RBC, PLT histograms)
Sample volume	Whole blood mode: 10 μ L Pre-diluted mode: 20 μ L
Language	English, Spanish, French, Italian, Russian, Portuguese, etc.
Input	10.4-inch touch screen Support mouse, keyboard and external barcode scanner
Output	Internal printer, support external printer
Print	Auto and manual print
Interface	4 USB ports, 1 network port (compatible with TCP / IP protocol)
Storage	600,000 results with histogram
LIS connection	Support Bi-directional LIS
Communication protocol	HL7
Temperature	10~40°C
Humidity	10%-90%
Power requirement	100~240 AC, 50/60Hz, 160VA
Atmospheric pressure	70.0kPa~106.0kPa
Dimension	430(D)mm * 280(W)mm * 400(H)mm
Net weight	17.5 KG

Performance

Parameters	Precision (CV)	Detection Range	Parameters	Linearity Range
WBC	$\leq 3.0\%$	(4.00~15.00) * 10 ⁹ /L	WBC	(0~200.00) * 10 ⁹ /L
RBC	$\leq 3.0\%$	(3.50~6.00) * 10 ¹² /L	RBC	(0~17.00) * 10 ¹² /L
HGB	$\leq 2.0\%$	(110~180)g/L	HGB	(0~250)g/L
MCV	$\leq 1.0\%$	(80.0~110.0)fL	PLT	(0~5000) * 10 ⁹ /L
PLT	$\leq 6.0\%$	(150~500) * 10 ⁹ /L		