

YS-H25

Multifunctional Blood Analyzer

Compact POCT hematology with AI microscopic imaging.



10 μ L

Small sample volume

Venous or capillary blood

8 minutes

Per-sample analysis

A focused, on-demand workflow

25 parameters

CBC + differential

WBC, RBC and platelet groups

Built for practical veterinary workflows

AI cellular recognition

Microscopic imaging for WBC, RBC and PLT, with colorimetric HGB measurement.

Integrated single-test format

No liquid circuit. Single-testing reagent packs support a streamlined POCT setup.

Veterinary clinics • Hospitals • Laboratory partners

Simple steps. Clear results.

A single-sample process from sample addition to automatic reporting.

01

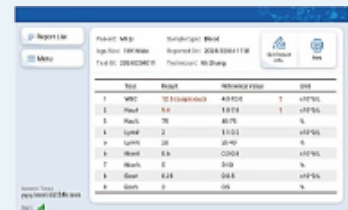

Add sample

Add the collected sample to the single-test reagent pack.

02


Load & test

Load the prepared pack and start the test.

03


No.	Result	Reference Value	Unit
1	WBC	12.0 (normal)	10 ⁹ /L
2	PLT	180	10 ⁹ /L
3	RBC	5.0	10 ¹² /L
4	HGB	150	g/L
5	HCT	45	%
6	MCV	90	fL
7	MCH	30	pg
8	MCHC	34	g/dL
9	RDW	13.8	%
10	RDW-SD	41.5	fL

View report

Review the automatically generated result.

Follow the current instructions for sample handling, reagent preparation and operation.

25 reportable parameters

11

White blood cells

WBC, NEU#, LYM#, MON#, EOS#, BAS#
NEU%, LYM%, MON%, EOS%, BAS%

08

Red blood cells

RBC, HGB, HCT, MCV, MCH, MCHC,
RDW-SD, RDW-CV

06

Platelets

PLT, MPV, PDW, PCT, P-LCC, P-LCR

Designed for everyday use

Compact hardware, digital records and practical reporting.

Measurement principle	AI microscopic imaging: WBC, RBC, PLT; colorimetry: HGB
Sample volume	10 µL
Sample types	Venous blood and capillary blood
Analysis time	Approximately 8 minutes per sample
Storage	100,000 test records
System software	Android 12
Display	10.1-inch color LED screen
Printing	Bluetooth printing supported
Dimensions (L × W × H)	274 × 245 × 415 mm
Weight	5.6 kg
Hematology reagents	Single-testing pack

AI imaging supports cellular recognition. WBC repeatability is listed as ≤4% in the product specifications; performance depends on the applicable test conditions.

Talk to our team

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