

# Hematology Analysis Solution

3-part differentiation

**HT-300VET**

**HT-300**



## Strong compatibility

- Multiple test modes: Whole blood mode, Predilute mode
- Multiple printer modes: built-in thermal printer, external laser or inkjet printer
- Large storage capacity: 50000 results including histograms
- Support connection to LIS

## Humanized design

- 10.4 inch color touch screen
- Liquid crystal screen (LCD)
- Resolution: 800×600
- 10° tilt to adapt to visual observation

## Low consumption and High efficiency

- 2 reagents
- Sampling volume ≤ 20μL
- 60 samples per hour

Size: 390×285×390mm Weight ≤ 18kg



Support  
multilanguage system



Minimized  
Sample Volume

# 5-part differentiation

## HT-5000

### Strong compatibility

- Multiple sampling modes: the whole blood mood, predilute mode
- Multiple test mode: CBC, CBC+5diff, CBC+5diff+RRBC
- The external laser or inkjet printer
- Support connection to LIS



### Humanized design

- 10.4 inch color touch screen
- Liquid crystal screen (LCD)
- Resolution: 1024×768
- 10° tilt to adapt to visual observation

### Low consumption and High efficiency

- Only 3 reagents are needed
- Sampling volume ≤ 28μL
- 60 samples per hour

Size: 390×315×316mm Weight ≤ 27kg

## Detection Principle

	HT-300	HT-300VET	HT-5000
WBC	Electrical Impedance Method		
RBC			Flow Cytometry by Laser
PLT			Electrical Impedance Method
HGB	Colorimetric Method		

## Reliable Performance

Parameters	Linear Range	Detection Range	Precision
WBC	0~100×10 <sup>9</sup> /L	(3.5~9.5)×10 <sup>9</sup> /L	≤ 2.0%
RBC	0.1~8×10 <sup>12</sup> /L	(3.8~5.8)×10 <sup>12</sup> /L	≤ 1.5%
HGB	0~250 g/L	115~175 g/L	≤ 1.5%
PLT	0~1000×10 <sup>9</sup> /L	(125~350)×10 <sup>9</sup> /L	≤ 6.0%

Lyse (HT-HE) ): 100mL/bottle, 200mL/bottle, 500mL/bottle

LySe (B-DIFF): 500mL/bottle, 1L/bottle, 2L/bottle

Diluent: 5L/bottle, 10L/bottle, 20L/bottle

EZ Cleaner (optional): 25mL/bottle

Probe Cleaning (optional): 25mL/bottle



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