

# 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



Support  
multilanguage system

## Low consumption and High efficiency

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

Size:390×285×390mm Weight≤18kg



Minimized  
Sample Volume

# 5-part differentiation

## HT-5000



### Strong compatibility

- Multiple sampling modes: the whole blood mode, 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 Weights≤27kg

### Detection Principle

	HT-300	HT-300VET	HT-5000
WBC			
RBC	Electrical Impedance Method		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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