

5-part differentiation

HT-5000

CE



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
- 4 USB ports, 1 LAN port supporting HL7 protocol and compatible with the hospital's LIS system.

Low consumption and High efficiency

- Only 3 reagents are needed
- Sampling volume $\leq 28\mu\text{L}$
- 60 samples per hour

Easy maintenance

- Automatic fault handling function
- Automatic cleaning function

Humanized design

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



Size:
390×315×316 mm
Weight ≤ 27 kg

Qingdao Hightop Biotech Co., Ltd.

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Parameters

25 reportable parameters: WBC、Lym#、Lym%、Mon#、Mon%、Neu#、Neu%、Eos#、Eos%、Baso#、Baso%、RBC、HGB、HCT、MCV、MCH、MCHC、RDW-CV、RDW-SD、PLT、MPV、PDW、PCT、P_LCR、P_LCC

2 histograms for RBC and PLT

2 scattergrams for Size and Diff



Support multilanguage system



Minimized Sample Volume

- 3 Reagents
- Sampling volume ≤28μL

Detection Principle

RBC	Flow Cytometry by Laser
PLT	Electrical Impedance Method
HGB	Colorimetric Method

Reliable Performance

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