



# SMART

3-Part Auto Hematology Analyzer **Hemato-3**



**2**  
Reagents



**21**  
Reportable  
Parameters



**60**  
Samples Per Hour



Professional Hematology Analyzer Manufacturer

# Hemato-3

3-Part Auto Hematology Analyzer



Parameters	Precision	Linear Range	Contamination Rate
WBC	≤2.0% (3.5-15.0×10 <sup>9</sup> )/L	(0-100.0×10 <sup>9</sup> )/L	≤0.5%
RBC	≤1.5% (3.0-6.0×10 <sup>12</sup> )/L	(0.10-8.00×10 <sup>12</sup> )/L	≤0.5%
HGB	≤1.5% (100-180 )g/L	(0-250 )g/L	≤0.6%
MCV	≤1.0% (70-120 )fL	-	-
PLT	≤4.0% (150-500×10 <sup>9</sup> )/L	(0-1000×10 <sup>9</sup> )/L	≤1.0%

## Characteristic

### Compatibility

- 1) Two modes of sampling: Whole blood, pre-diluted blood
- 2) Build-in thermal printer, external laser printer or inkjet printer;
- 3) 4 USB, 1 LAN support protocol HL7 and compatible with LIS system
- 4) Accompanying quality control material

### Light

- 1) 390mm(L)×285mm(W)×390mm(H)
- 2) Weight≤16kg

### User-friendly Design

- 1) 10.4" colorful touchscreen
- 2) Liquid Crystal Display
- 3) Resolution: 800×600
- 4) 10° incline adapt to visual observation

### Maintenance Friendly

- 1) Auto-cleaning of sample probe and tubes
- 2) Automatic fault processing function

### Low Consume

- 1) Only need two reagents
- 2) Sample consumed ≤20uL

### Efficient

60 samples per hour

## Specification

### Principle

Electric impedance method and Colorimetry method

### Parameters

21 reportable parameters:

WBC, LYM#, MID#, GRAN#, LYM%, MID%, GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC

3 histograms

### Reagents

Build-in Lyse and External Diluent, Probe Cleaner for maintenance

### Flag System

RBC, WBC, PLT abnormal sample and support customized test groups



### Storage

Up to 50,000 results including histograms, and patient information.

### Quality Control

3 Level QC, L-J graph, X-B

### Calibration

Manual and Auto-calibration



### Accessories

Standard: keyboard, waste liquid barrel, ground wire(3m)  
Option: mouse, external barcode scanner.

### Environment

Working Voltage: AC 100V~240V, 50/60Hz

Rated Power: 40~60VA

Working Temperature: 10°C~35°C

Relative humidity: 20%~85%

## Pulse Diagnostics

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### SALES

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