

# Fully Automated Hematology Analyzer 5-Part HA-22



# Technical Specifications

## Principle

Tri-angle laser scattering, flow cytometry for WBC differentiation and counting  
 Impedance for RBC and PLT counting  
 Cyanide-free method for HGB

## Parameters

34 parameters: WBC, Lym%, Mon%, Neu%, Bas%, Eos%, Lym#, Mon#, Neu#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW-CV, PDW-SD, PCT, P-LCR, P-LCC.  
 Research parameters: LIC%, LIC#, ALY%, ALY#, NRBC#, PLT Clumps#, NRBC%, PLT Clumps%  
 2 histograms for RBC and PLT  
 4 scattergrams for WBC differential

## Throughput

## Performance

Parameters	Precision (CV)
WBC	≤ 2.0% (4.0-15.0×10 <sup>9</sup> )/L
RBC	≤ 1.5% (3.5- 6.0×10 <sup>12</sup> )/L
HGB	≤ 1.5% (110.0 - 180.0g)/L
MCV	≤ 1.0% ( 70.0 - 120.0) fL
PLT	≤ 4.0% (150.0- 500.0×10 <sup>9</sup> )/L

## Printout

Built-in thermal printer, support external printer

## Sampling mode

Open mode, built-in barcode scanner

## Maintenance

Auto-cleaning of sample probe and tubes

## Temperature

10°C -30°C

## Interface

4 USB ports, 1 LAN port  
 HL7 protocol, support LIS

## Blockage clear

High voltage, high pressure flush

## Power

AC 100-240V, 50/60±1Hz

Parameters	Linearity range
WBC	(0-100.0×10 <sup>9</sup> )/L
RBC	(0-8.00×10 <sup>12</sup> )/L
HGB	(0-250)g/L
PLT	(0-1000×10 <sup>9</sup> )/L

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