

# 5 PART HEMATOLOGY ANALYZER H-60

Deliver reliable results  
with maximum uptime

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BIOGENIX



## SPECIFICATION

### PARAMETER

**25 reportable 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, PCT, P-LCR, P-LCC.  
**8 research parameters include LIC%, LIC#, ALY%, ALY#, NRBC%, NRBC#, NLR,PLR**  
**3 histograms for WBC, RBC and PLT**  
**2 scattergrams for DIFF and BASO**

### PERFORMANCE

Parameter	Linearity Range	Precision ( CV % )
WBC (10 <sup>9</sup> /L)	0.0-500	≤3.0% (3.50-7.00) ≤2.5% (7.01-15.00)
RBC (10 <sup>12</sup> /L)	0.0-8.5	≤1.5% (3.5-6.5)
HGB (g/L)	0-250	≤1.5% (100-180)
PLT (10 <sup>9</sup> /L)	0-4000	≤5.0% (100-500)
MCV(fL)		≤1.0% (70.0-120.0)

### PRINCIPLE

Semiconductor laser flow cytometry analysis for WBC, DIFF and BASO counting  
 Electrical impedance method for RBC, PLT counting  
 Cyanide-free reagent for HGB with colorimetric method

### SAMPLE VOLUME

Whole blood mode	16 μL
Capillary whole blood mode	16 μL
Pre-diluted mode	20 μL

### REAGENTS

HD600 Diluent 20L  
 HI600 Lyse 500mL/1L  
 HC600 Cleaner 50mL

### OPERATING ENVIRONMENT

Temperature: 15°C~35°C;  
 Humidity: 30% RH~85% RH;  
 Air pressure: 70 kPa~106 kPa

### DISPLAY

12 inch colorFUL touch screen

### THROUGHPUT

60 samples per hour

### CONTROL & CALIBRATOR

ED-60D, ED-CAL PLUS

### DATA STORAGE CAPACITY

100, 000 results including results and histograms  
 60 QC files (100 data per file)

### DIMENSION & WEIGHT

501mm(L) x 320mm(W) x 502.5mm(H);  
 Weight: 29.3kg