

# H60 Series

5-Part Hematology Analyzer

## Specification





## **Technical Specifications:**

### **Principles**

Semiconductor laser flow cytometry analysis for WBC, DIFF and BASO counting

Electrical impedance method for RBC, PLT counting

Cyanide-free reagent for HGB with colorimetry method

### **Parameters**

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.

6 Research parameters include LIC%, LIC#, ALY%, ALY#, NLR, PLR

2 histograms for RBC and PLT

2 scattergrams for DIFF and Basophil

### **Reagent**

Routine: HD600, HL600

Maintenance: HC310

## Performance

Parameter	Linearity Range	Precision
WBC(10 <sup>9</sup> /L)	0-500	≤3.0% (3.5-7) ≤2.5% (7.01-15)
RBC(10 <sup>12</sup> /L)	0-8.5	≤1.5% (3.5-6.5)
HGB(g/L)	0-250	≤1.5% (100-180)
MCV(fL)		≤1.0% (70-120)
PLT(10 <sup>9</sup> /L)	0-4000	≤5.0%(100-500)

## Sample Volume

Whole Blood (WB)	16 µL
Capillary (CAP)	16 µL
Pre-diluted (PD)	20µL

## Throughput

60 samples per hour

## Adapter and Autoloader

Adapter supported with various sample tubes

Auto scan via rotating structure

60 samples capacity

## Display

12 inch TFT Touch Screen

## Multi-language

Chinese, English, French, Russian, Spanish

## Data Storage Capacity

Up to 100,000 results including numeric and graphical information

60 QC files (100 data per file)

## **Communication**

LAN Port supports HL7 protocol

## **Input Device**

Built-in virtual keyboard, external barcode reader

## **Interface**

5 USB ports (for external printer, software upgrade, barcode scanner, keyboard, mouse),

1 LAN port

Support LIS/HIS Connectivity

## **Printout**

External Laser printer / Inkjet printer, various printout formats and User-defined formats

## **Operating Environment**

Temperature: 15°C~32°C

Humidity: 30% ~ 85%

Air pressure: 70kPa~106kPa

## **Power Requirement**

100V-240V, 50Hz/60Hz

## **Dimension and Weight**

H60: 501±5mm (D)×320±5mm (W)×502.5±5mm (H), 29.3±0.5kg

H60S: 626.5±5mm (D)×565±5mm (W)×580±5mm (H), 42.1±0.5kg



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