

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 ⁹ /L)	0-500	≤3.0% (3.5-7) ≤2.5% (7.01-15)
RBC(10 ¹² /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 ⁹ /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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