

Auto Hematology Analyzer, 5 parts, HEMA-D6051



CE

- 29 parameters, 3 histograms for WBC, RBC and PLT
- 90 tests/hour
- Flow Cytometry (FCM) + Tri-angle laser scatter + Chemical staining
- 3D scattergram for accurate differentiation and pathological sample flag
- Large storage capacity: up to 100,000 records
- Auto-loading system contributes to improving efficiency and reducing costs

Description

1. Flow Cytometry (FCM) + Tri-angle laser scatter + Chemical staining

2. 3 sample modes: whole blood, capillary whole blood and pre-diluted(Especially for blood sample untreated over a long time)
3. 29 parameters, including 25 reportable parameters
4. 3D scattergram for accurate differentiation and pathological sample flag
5. Up to 90 tests per hour
6. Closed and open vial modes supported
7. Large storage capacity: up to 100,000 records
8. 6 types languages are available
9. Support bi-directional LIS
10. Auto-loading system contributes to improving efficiency and reducing costs

Specifications

Principles	Flow Cytometry (FCM) + Tri-angle laser scatter + Chemical staining method for WBC differentiation
	Impedance method for WBC, RBC and PLT test
	Cyanide free colorimetry for HGB test
Parameters	25 reportable parameters: WBC, Neu#, Lym#, Mon#,Eos#, Bas#, Neu%, Lym%, Mon%, Eos%, Bas%, RBC,HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV,PLT, MPV, PDW, PCT, P-LCR, P-LCC
	4 research parameters: ALY#, ALY%, LIC#, LIC%
	3 histograms for WBC, RBC and PLT
	One 3D scattergram and three 2D scattergrams for WBC differentiation
Sample Volume	20 μ L
Consumables	DIL-A: 20L
	LYA-1: 500ml
	LYA-2: 500ml
	LYA-3: 1L
	CLE-P: 50ml
Language	Chinese, English, Spanish, French, Russian, Portuguese
Linearity Range	WBC: 0.00-300 $\times 10^9$ /L, RBC: 0.00- 8.5 $\times 10^{12}$ /L, HGB: 0- 250g/L, PLT: 0- 3000 $\times 10^9$ /L, HCT: 0~67%
Repeatability	WBC \leq 2.5%(4.0-15.0 $\times 10^9$ /L), RBC \leq 1.5%(3.5-6.0 $\times 10^{12}$ /L), HGB \leq 1.5%(110-180g/L) MCV \leq 1%(70-120fL) PLT \leq 6.0%(100-149 $\times 10^9$ /L)
	PLT \leq 4.0%(150-500 $\times 10^9$ /L)
Communication	LAN port supports HL7 protocol
	Support bi-directional LIS
Sample mode	Whole blood, capillary whole blood

	and pre-diluted modes
Throughput	Up to 90 tests per hour
Printout	External printer, compatible with multiply laser /inkjet printers, compatible with various formats and user-defined formats
Storage	Up to 100,000 records
Power requirement	100V-240V, 50/60Hz, ≤200VA
Dimension	650mm(W)*550mm(H)*610mm(D)
Net weight	58kg

