

5-Part Auto Hematology Analyzer MTR-HA-5331



Features:

- Throughput 70 Samples/Hour.
- 14-inch color touch LCD screen, easy to operate, display all parameters and histograms on the same screen.
- 31 Parameters + 3 Histograms
- 50 sample positions, automatic loading, mixing and sampling
- Tri-angle laser scatter + flow cytometry method + impedance method for RBC and PLT counting.
- 3D holographic scattergram displays the accurate 5-part differentiation of WBC.
- Large storage capacity: 100,000 results (including histogram, scattergram, patient information).
- 50 Flags including MALARIA and DENGUE Flags to help analysis results

Parameters:

Model	MTR-HA-5325			
Throughput	70 Tests/Hour			
Assay Items	5 Parts, 31 Parameters, 3 Histograms (WBC/BASO, RBC, PLT), 3D Scattergram			
Principle	Tri-angle laser scatter, Flow cytometry method, 3D scattergram analysis, Impedance method for RBC and PLT counting, Cyanide free reagent for HGB test			
Test Mode	CBC mode, CBC+DIFF mode Venous whole blood, Capillary whole blood and Prediluted			
Parameters	25 reportable parameters: WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PCT, PDW, P-LCR, P-LCC, NEU%, LYM%, MON%, EOS%, BAS%, NEU#, LYM#, MON#, EOS#, BAS# 6 research parameters: ALY%, ALY#, LIC%, LIC#, NRBC%, NRBC#			
Performance	Item	Linearity range	Carry Over	CV
	WBC	0~300*10 ⁹ /L	≤ 0.5%	≤ 2.0%
	RBC	0~8.00*10 ¹² /L	≤ 0.5%	≤ 1.5%
	HGB	0~250g/L	≤ 0.5%	≤ 1.5%
	PLT	0~3000*10 ⁹ /L	≤ 1.0%	≤ 4.0%
Sample Volume	CBC+DIFF mode: ≤20μl CBC mode: ≤10μl			
Storage	100,000 results including histogram, scattergram and patient information			
Interface	4 USB ports, 1LAN port, Bi-direction LIS, support HL7 protocol, Internal RFID reader			
Power Supply	AC220V+10% 50/60Hz; 110V+10% 60Hz; 400VA			
Package Size(W*D*H)	Main Machine: 680*580*895mm Accessories: 950*500*580mm			
Gross Weight	Main Machine: 60kg Accessories: 27.6kg			
Reagent Package Size	330*330*330mm, 400*290*240mm, 400*290*240mm			
Reagent Gross Weight	22kg, 2kg, 1kg			