



3-Part Auto Hematology Analyzer MTR-HA-3321

Features:

1. 9.7-inch color touch LCD screen, easy to operate, display all parameters and histograms on the same screen.
2. Fewer samples are required for testing: venous blood: 10 μ l, capillary: 10 μ l, pre-diluted: 20 μ l.
3. Throughput 60 samples/hour.
4. 21 Parameters + 3 Histograms.
5. It can be turned on continuously for 24 hours.
6. Automatically clean the sampler, counting pool and pipeline after starting up.
7. Built-in thermal printer, external printer can be connected.
8. Electrical impedance method, cyanide-free detection of HGB.
9. Fully intelligent blockage removal and alarm function.
10. Both automatic calibration and manual calibration are available.
11. Counting Mode: Venous, capillary, prediluted.
12. Support LIS system



Parameters:

Model	MTR-HA-3321
Throughput	60 samples/hour
Principle	Impedance for WBC differentiation and WBC/RBC/PLT count; Colorimetric method for HGB
Channels	2
Parameters	21 parameters (including WBC, Mid#, Lym#, Gran#, Mid%, Lym%, Gran%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR, P-LCC)
Histograms	3 histograms (including WBC, RBC, PLT histograms)
Sample Volume	Venous blood: 10 μ l, Capillary blood: 10 μ l, Prediluted: 20 μ l
Calibration	Manual, auto calibration
Counting Modes	Venous, capillary, prediluted

Printing Model	Auto print, manual print					
LIS	Support Bi-directional LIS					
Language	Chinese, English, Spanish, French, Russian, Ukrainian					
Reagent	Diluent 10L, Hemolytic agent 250ml, Probe cleanser: 50ml					
Data Input	9.7-inch touch screen, mouse, keyboard(optional)					
Output	Internal printer, support external printer					
Printer Paper	57*30mm					
Interface	4 USB ports, network port, RS232 serial port					
Storage	100,000 results with histogram					
Unclog	High voltage burns, reverse high-pressure flush					
Work Temperature	10~40°C					
Power Supply	100~240AC, 50/60Hz, 150VA					
Relative Humidity	≤80%					
Atmospheric Pressure	86.0kPa~106.0kPa					
Carry-over Rate	Parameter	WBC	RBC	HGB	PLT	
	CV	≤1.5%	≤1%	≤1%	≤3%	
Background	Parameter	WBC	RBC	HGB	HCT	PLT
	Background	≤0.5*10 ⁹ /L	≤0.05*10 ¹² /L	≤2g/L	≤0.5%	≤10*10 ⁹ /L
Linearity	Parameter	Measurement Range			CV	
	WBC	(1~10.00*10 ⁹)/L (10.10~99.9*10 ⁹)/L			(±0.5*10 ⁹)/L ±5%	
	RBC	(0.3~1.00*10 ¹²)/L (1.01~7*10 ¹²)/L			(±0.05*10 ¹²)/L ±5%	
	HGB	(20~70g)/L (71~200.0g)/L			(±2.0g)/L ±3%	
	PLT	(20~100*10 ⁹)/L (101~999*10 ⁹)/L			(±10.0*10 ⁹)/L ±10%	
Precision	Parameter	Repeatability		Measurement Range		
	WBC	≤4.0%		(3.5~9.5*10 ⁹)/L		
	RBC	≤3.0%		(3.8~5.8*10 ¹²)/L		
	HGB	≤2.0%		(115~175g)/L		
	PLT	≤8.0%		(125~350*10 ⁹)/L		
	HCT	≤3.0%		35%~50%		
External Size(W*D*H)	295*467*418mm					
Packed Size(W*D*H)	Instrument: 404*564*616mm; Reagent: 340*340*340mm, 200*150*100mm					
Net Weight	19kg					
Gross Weight	Instrument: 31kg; Reagent: 13kg,1kg					