

IHA-T30 Auto Hematology Analyzer



Features;

1. Throughput: 60T/H.
2. 8 inch Touch Screen
3. 20 parameters + 3 histograms.
4. 3 counting modes.
5. 100,000 sample results.
6. Support LIS and external printer.

Technical Specifications;

Model	IHA-T30
Throughput	60 Tests/hour
Measuring Principle	Impedance for cell counting Cyanide-free method for HGB
Aperture Diameter	WBC chamber: 100µm, RBC/PLT chamber:70µm
Parameters	WBC, Neu#, Lym#, Mid#, Neu%, Lym%, Mid%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW, CV, PLT, MPV, PDW, PCT, P-LCR
Histograms	3 histograms (including WBC, RBC, PLT histograms)
Sample Volume	Normal: 10ul; Prediluted: 20ul
Calibration	Manual & Auto calibration
Counting Modes	Venous, capillary, prediluted
Printer	Built-in thermal printer, USB to external printer (optional)
Data Input	8 inch touch screen, keyboard, mouse
Output	RS232 port, USB port, VGA port. LIS system available
Storage	100,000 results with histogram
Power Supply	AC220V ±10%, 50/60Hz, AC110V ±10%, 60Hz
Package Size	580x470x590mm (WxDxH)
Reagent Package Size	450x410x310mm (WxDxH)
Gross Weight	27 Kg
Reagent Gross Weight	23 Kg

Carry-Over Rate	Parameter	WBC	RBC	HGB	PLT	
	CV	≤2%	≤1%	≤2%	≤2%	
Background	Parameter	WBC	RBC	HGB	HCT	PLT
	Background	≤0.2x10 ⁹ /L	≤0.02x10 ¹² /L	≤1g/L	≤0.5%	≤10x10 ⁹ /L
Precision	Parameter	WBC	RBC	HGB	MCV	PLT
	CV	≤2.0%	≤1.9%	≤1.9%	≤0.4%	≤4.0%
	Measurement Range	(4.0-15.0x10 ⁹)/L	(3.5-6.0x10 ¹²)/L	(110.0-180.0g)/L	(80.0-110.0)/L	(100.0-500.0x10 ⁹)/L
Linearity	Parameter	WBC	RBC	HGB	PLT	
	Measurement Range	(0-5.9x10 ⁹)/L (6.0-99.9x10 ⁹)/L	(0-0.99x10 ¹²)/L (1.0-9.99x10 ¹²)/L	(0-99.0g)/L (100.0-30.0g)/L	(0-99x10 ⁹)/L (100-99x10 ⁹)/L	
	CV	(±0.3x10 ⁹)/L ±5%	(±0.05x10 ¹²)/L ±5%	(±2.0g)/L ±2%	(±8.0x10 ⁹)/L ±10%	