

Infitek

AUTO HEMATOLOGY ANALYZER



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Auto Hematology Analyzer, 3 Parts

HEMA-D6031 HEMA-D6190

Description

- ◆ CBC with 3-Part differentiation, 19 parameters + 3 histograms
- ◆ 8.4 inches touch screen
- ◆ Up to 60 tests per hour
- ◆ 9.7 μL venous blood/20 μL peripheral blood sampling volume for testing
- ◆ Storage report (with picture) >1000 cases, could expansion with U disk
- ◆ Available U disk software upgrade
- ◆ Real-time display and detection of sample temperature
- ◆ Wide range power supply design AC100V-264V



HEMA-D6031

Specifications

Model	HEMA-D6031
Parameters	19 parameters: WBC GRAN# GRAN% MON# MON%LYM# LYM% HGB RBC HCT MCV MCH MCHC RDW-SD RDW-CV PLT PCT MPV PDW; 3 histograms for WBC,RBC and PLT
Principles	RBC WBC dual-channel cell counting electrical impedance method,,HGB Cyanide-free colorimetric method
Display screen	8.4 inch 800x600 dot matrix, TFT color touch LCD screen
Language	Chinese, English
Sampling volume	9.7 μL venous blood/20 μL peripheral blood
Throughput	Up to 60 tests per hour
Printout	Print out five types of printed report sheets with normal value ranges, built-in thermal printer, and can be connected to an external printer
Data interface	RS232 port, dual USB ports
Data storage	Storage report data (with picture) >1000 cases, could expansion with U disk(Maximum support for 16G USB expansion, exceeding 1 million data)
Power	AC 100V~264V 50Hz/60Hz
Package Dimension (W*D*H)(mm)	520*470*570
Weight	Net weight: 12kg Gross weight: 16.1kg

Description

- ◆ Touch Screen display
- ◆ 3-part differentiation of WBC
- ◆ 21 parameters + 3 histograms
- ◆ Double chambers for WBC and RBC/PLT
- ◆ Throughput: 60 samples per hour
- ◆ External thermal printer
- ◆ Barcode scanner for option
- ◆ Storage $\geq$ 200,000 sample results

Performance

Parameter	Linearity range	Precision(CV%)
WBC($10^9/L$)	0.0-100.0	2.0(4.0-10.0)
RBC($10^{12}/L$)	0.00-9.99	1.5(3.50-5.50)
HGB(g/L)	0-300	1.0(110-160)
PLT($10^9/L$)	0-1000	5.0(100-300)



HEMA-D6190

Specifications

Model	HEMA-D6190
Technical Specifications	21Parameters+ 3Histogram:WBC,LY# ,MID# ,GR# ,LY%,MID%,GR%, RBC,HGB,HCT,MCV,MCH,MCHC, RDW-SD, RDW-CV,PLT,MPV, PDW,PCT,P-LCR、 P-LCC and Histogram for WBC,RBC,PLT
Method	Coulter principle: Colorimetry hamoglobin determination
Throughput	60 tests/hour
Language	Chinese, English, Portuguese, Hindi, Spanish, French, Thai, Russian, Vietnamese
Display	10.4" color touch screen display
Sampler Volume	Predilute 20μl Whole blood 10μl
Intelligent reagent management function	Reagent information and residual display
Carryover	WBC≤1.5% ; RBC,HGB<1.0% ; PLT≤2%
Input and output	1 RS232 , keyboard , Mouse 4 USB,LAN
Printout	External printer
Option	Barcode scanner, LIS
Operating Environment	Temperature10-35℃ Humidity≤90%
Data storage	Over 200,000 sample results (with histograms)
Power requirement	AC 100-240V 50/60HZ , 300VA
Demension	Instrument: 354mm(H)*430mm(W)*440mm(D) Package Dimension(W*D*H)(mm):690*590*650
Weight	Net :17kg G.W.(kg):25

Auto Hematology Analyzer, 5 Parts

HEMA-D6052



Selling Point

29 parameters, 1 Scattergram, 4 histograms
High throughput::90 tests/hour
12.1 inch touch screen
Storage Up to 100,000 results



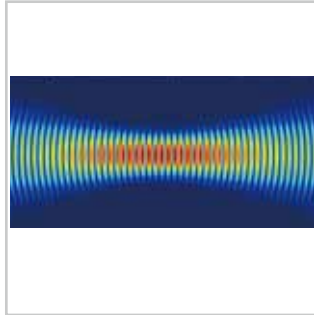
Specifications

Model	HEMA-D6052		
Technical Specifications	Optical solid state LASER scattering Wide angle light scatter. High efficient light collector(patented) Electrical Impedance. Double hydrodynamic focusing		
Parameters	WBC, LYM#, MON#,NEU, EOS#, BAS#,LYM%,MON%,NEU%,EOS%,BAS%,RBC, HGB, MCV, HCT,MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, POW, PCT, P-LCC, P-LCR, LX, LY, NX,NY, etc. Research parameters: ALY#,ALY%, LIC#, LIC%, NIL#, NIL% , etc. 1 Scattergrams: WBC Interpreted scattergrams 4 Histograms: RBC. PLT. WBC. cyto		
Throughput	Up to 90 samples per hour		
Display	12.1Inch Touch Screen		
Sample types	Whole blood. PLT only. HB only. Capillary predilution.Dlluent. Control. Calibrator		
Performance	Parameter	Linearity range	Precision (CV%)
	WBC	0.1-100	2.0 (4.0-10.0)
	RBC	0-9.99	1.5 (3.5-5.5)
	HGB	0-300	1.0(110.0-160.0)
	MCV	45-135	0.5(80.0-100.0)
	PLT	0-1000	4.0(100-300)
Sample volume	Prediluted: 20μL Whole blood: 10μL		
Carryover	WBC<0.5%, RBC<0.5%, HGB<0.5%, PLT<0.8% .		
Multi-language	Chinese, English, Portuguese, Spanish, Russian		
Data storage capacity	Up to 100,000 results including numeric and graphical information		
Printout	External Laser printer/Inkjet printer, various printout formats and user-defined formats		
Operating Environment	Temperature:10-35°C		
	Humidity:30%~ 85%		
Power Requirement	AC 100-240V 50/60HZ		
Dimension	Instrument:532mmx400mmx520mm		
	Package Dimension(W*D*H)(mm): 750mmx590mmx770mm		
Weight	N.W.(kg):28KG G.W.(kg):43KG		



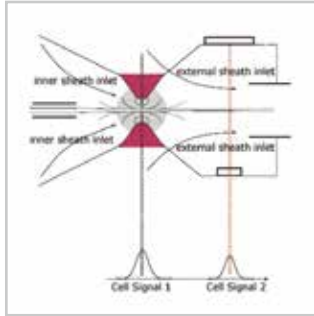
Unique high efficiency laser energy focusing technology

Patented high efficiency laser energy focusing, combining Fresnel lens focusing laser signal Effectively avoid the interference of other light signals, and get stronger and more stable signal More accurate classification



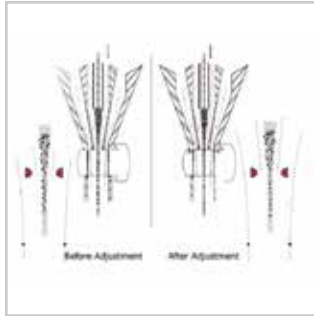
Unique double sheath flow focusing fluid technology Inner

Sheath flow closely packed cell, so that the cell are arranged in sheath flow axis, make sure flow through the testing center one by one under the action of flow power.
Outer sheath flow device, ensure cell were taken away quickly after flowing through aperture, avoid eddy current, in order to get more stable signal.



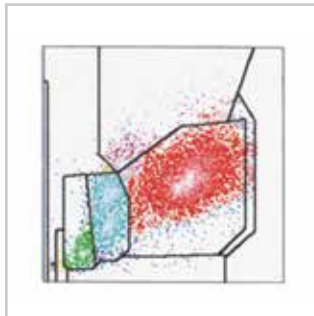
Exceptional cellular alarm function

Fragment、plasmodium、 cell tolerance、 PLT aggregation、 Low HGB in RBC、 abnormal scatter diagram custom parameters alarm recheck.Provide multinomial research parameters: specific lymphocyte、 immature cell. unrecognized cell etc.



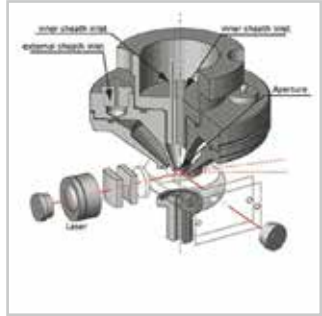
Floating classification technology

Automatically adapt to the change of scatter gram, effectively identify the boundaries of various cells, to obtain more accurate WBC classification results.



Laser Light scatter and Cell Histochemistry method

Semiconductor laser which has long service life and laser signal more stable.Through laser light scatter and cell histochemistry technology, provide size of cell, cell nucleus and cell particle. Make classification and counting more accurate.



Accurate blood dispense system

HEMA-D6052 utilizes advance ceramic sample rotator valve platform to accurately segments blood with high precision.



Prediluted

Select Prediluted mode,
automatic injection prediluted reagent
Easy operation and avoid manual errors



Original Reagent

Only3 types :
Sheath Hematon、 Enzyme Detergent and Complex Cell Hemalyse
High quality original reagent ensure high accuracy

