

Infitek

AUTO HEMATOLOGY ANALYZER



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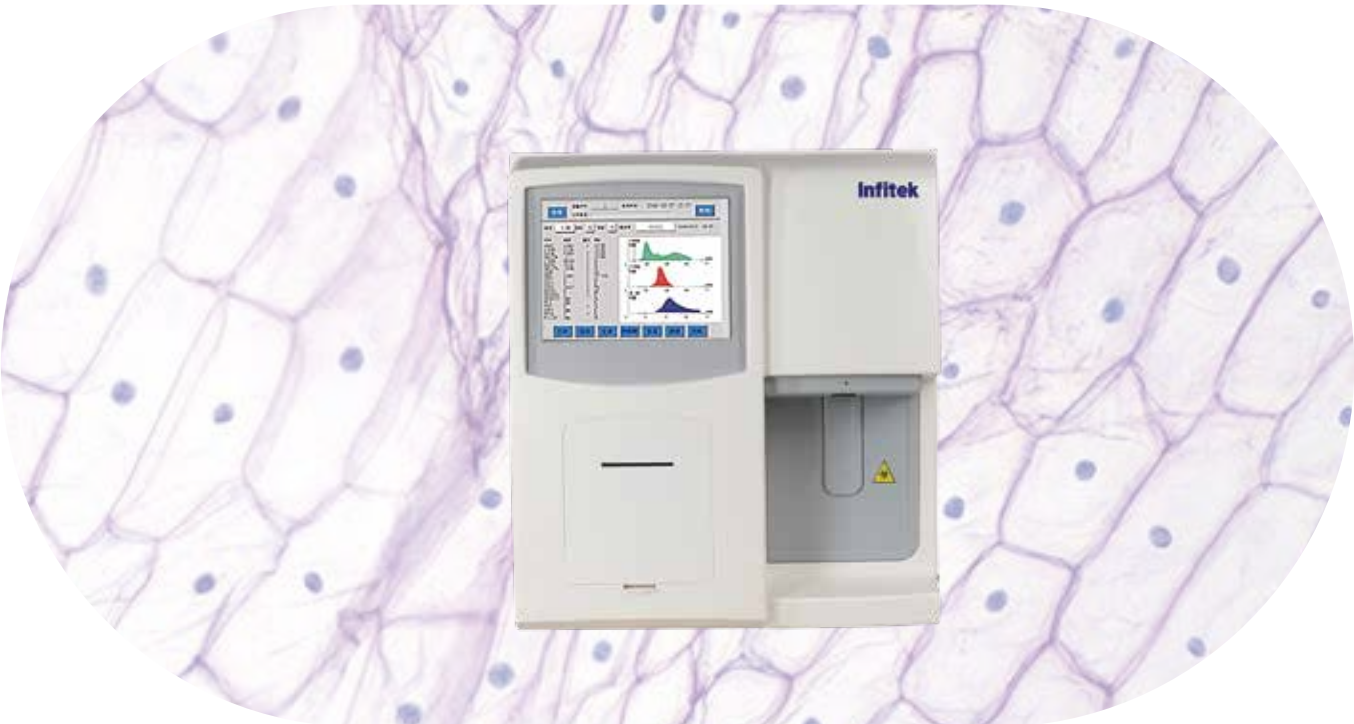
Auto Hematology Analyzer, 3 Parts

HEMA-D6031



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



Specification

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

Auto Hematology Analyzer, 3 Parts

HEMA-D6032



- ◆ 22 items+3 histograms
- ◆ Whole blood and Peripheral Blood:10μL; Prediluted: 20μL
- ◆ 60 samples / hour, can be turned on for 24 hours, customizable sleep time
- ◆ 10.4-inch touch screen, friendly user interface



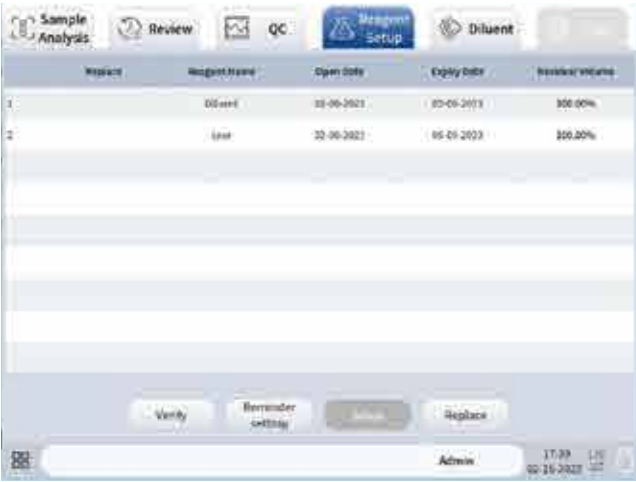
Specification

Model	HEMA-D6032
Test Items	WBC, LYM #, MID #, GR #, LYM%, MID%, GR%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCC, P-LCR
Histograms	White blood cell (WBC) histogram, red blood cell (RBC) histogram, platelet (PLT) histogram
Throughput	60 samples / hour, can be turned on for 24 hours, customizable sleep time
Test Mode	Whole blood mode, prediluted mode
Sample Volume	Whole blood and peripheral blood: 10μL; Prediluted: 20μL
Sample Type	Whole blood, peripheral blood, prediluted blood
Storage	Automatic storage of up to 600,000 sample results (including sample information)
Data Query Method	Query by sample number, patient information, test date, or multi-keywords. Supports data export in Excel format.
Clog Removal	Forward and reverse flushing, combined with high-voltage burning for clog removal, ensuring an extremely low clogging rate.
Display	10.4-inch color touch screen; All results and histograms are displayed on the same screen
Operation Mode	Supports keyboard, mouse, graphic touch and handwriting input
Quality Control	L-J, X-B, floating mean, etc.
Printing	Built-in thermal printer with multiple printing formats, supporting an external printer
Information Transmission	Bidirectional LIS communication, supporting HL7 and other transmission protocols
Interface	LAN, 4 × USB ports
Language	English operation, support multi-language
Options	Barcode scanner (optional)
Power Supply	~100-240V
External Dimensions	280*400*460 mm
N.W./G.W.	About 18 kg/22 kg
Package Dimensions	465*580*545 mm

Features

Excellent Product Performance

- Fully automated 3 diff hematology analyzer with dual channels;
- Independent hemoglobin measurement system;
- Intelligent floating thresholds for WBC, RBC and PLT;
- Automatic data storage, including sample information, histograms and abnormal sample alerts;



Compact Design

- Compact size and lightweight design, saving valuable laboratory space;
- Throughput of up to 60 samples/hour, easily handling batch sample testing;
- Strong anti-interference capability, suitable for various complex operating environments;

Excellent User Experience

- Built-in thermal printer, a variety of printing formats, and support for external printer;
- Multiple printing formats available (including English reports) with customizable templates;
- Multiple reference ranges available with user-defined settings;
- Comprehensive quality control and calibration functions;
- Abnormal sample information alerts with prompts;

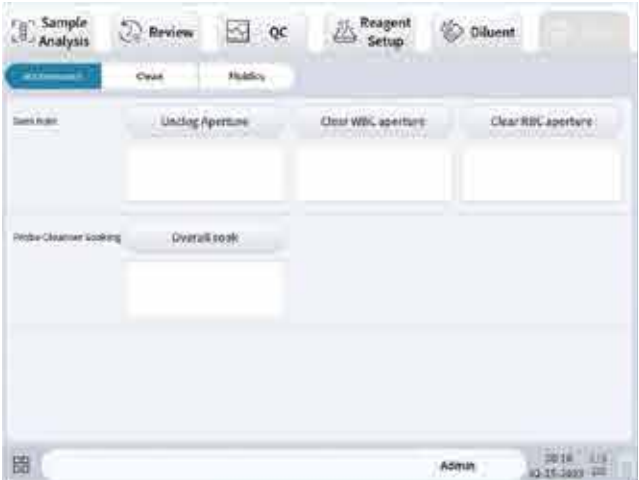


Intelligent Reagent Management System

- Graphical display of reagent information and remaining volume;
- Only two reagents required: diluent and lyse reagent;
- Low reagent level warning and reminder function;

Convenient Human-Machine Interaction

- Color touch LCD screen, displaying all test results, histograms, patient information and alarm messages on the same screen;
- English operation, support multi-language;
- Keyboard and mouse operation, with bar code scanner (optional);
- One-touch maintenance function for easy troubleshooting;
- Multi-level user permission management;



Powerful Data Management System

- Multiple interfaces available: 4*USB ports, LAN;
- Bidirectional LIS communication, HL7 and other transmission protocols;
- Supports remote diagnosis, data import/export and offline data review;
- Free lifetime software updates;

Auto Hematology Analyzer, 5 Parts

HEMA-D6053



Specification

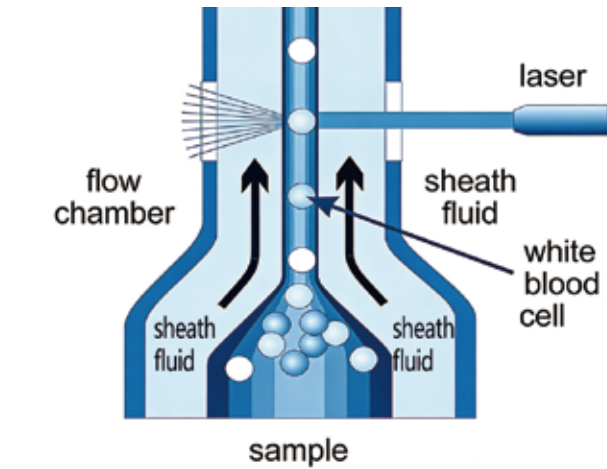
Model	HEMA-D6053
Test Items	WBC, Lym#, Mon#, Neu#, Eos#, Bas#, Lym%, Mon%, Neu%, Eos%, Bas%, RBC, HGB, MCV, RDW-CV, RDW-SD, HCT, MCH, MCHC, PLT, MPV, PDW, PCT, P-LCC, P-LCR
Graphics	4 scatter plots, 2 histograms
Sample Types	Whole blood, peripheral blood, prediluted blood
Sample Volume	Whole blood: 10μL, Prediluted: 20μL
Analysis Methods	CBC+5DIFF, Prediluted, etc
Throughput	60 samples/hour
Data Query	Multiple query methods, including query by sample number, patient information, all samples, or daily results. Supports data export in Excel format.
Display	10.4-inch color touch screen
Reagent Constant Temperature	Constant reagent temperature to to avoid temperature influence
Reagent Management	Reagent remaining display, reagent shortage alarm
Operation Mode	No need for an external computer, touch operation, and support for connecting keyboard and mouse
Quality Control	L-J, floating mean, multi-level quality control
Calibration	Automatic, manual, and fresh blood calibration
Maintenance	One-click maintenance and upkeep
Result Printing	Supports multiple printing formats and various printer types (such as laser and thermal), and comes standard with an external thermal printer.
Information Transmission	Bidirectional LIS communication, supporting HL7 and other transmission protocols
Connection	Supports LIS connection, and laboratory LAN
Interface	LAN, 4 × USB ports
Options	Barcode scanner (optional)
Language	Multi-language support
Power Supply	~100-240V, 50/60Hz
External Dimensions	325*465*470 mm
N.W./G.W.	About 30 kg/36 kg
Package Dimensions	490*630*650 mm

- ◆ 60 samples / hour
- ◆ 26 items+2 histograms+4 scatter plots
- ◆ Whole blood: 10μL, Prediluted: 20μL
- ◆ 10.4-inch touch screen, friendly user interface

Features

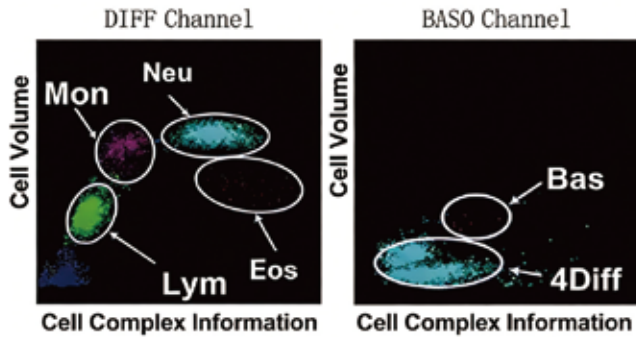
Laser Scattering Sheath Flow Classification Technology

By using semiconductor lasers, the lifespan is longer and the laser signal is stable. Through laser scattering combined with sheath flow technology, information on cell size, nucleus, and particle complexity can be provided, resulting in more accurate classification and counting.



Floating classification technology

Similar white blood cells exhibit high similarity and clear clustering, with relatively fixed positions on the scatter plot. However, due to individual differences in the population, the positions on the scatter plot may fluctuate. Floating classification technology can automatically adapt to changes in the scatter plot, effectively identify the boundaries of various types of cells, and obtain more accurate white blood cell classification results.



Supporting Reagents

Starting kits: Diluent, DIFF hemalyse, LH hemalyse;
Maintenance reagent: concentrated detergent;

	Replace	Reagent Name	Open Date	Expiry Date	Residual Volume
1		Diluent	2025-12-24	2026-02-22	/
2		DIFF Lyse	2026-01-08	2026-03-09	/
3		LH Lyse	2025-12-25	2026-02-23	/

Replace

To Closed-Reagent



Wide Range of High-Speed and Stable Application Scenarios

Compact size, efficient and space saving, suitable for compact environments in outpatient and emergency laboratories;
Adopting an integrated solution with hemolytic agents, effectively reducing external pipeline layout and avoiding pipeline entanglement issues;
Strong anti-interference ability, wide application scenarios, suitable for various complex environments;

Graphic and Textual Operation Interface and Data Management System

Large screen touch operation, simple and easy to use;
Multiple printing formats;
Intelligent and efficient data management enables dynamic management of reagents, quality control, patient information, and more;
Complete traceability monitoring system for reagents, calibration, and quality control;
Excellent abnormal data alarm function;
Supports LIS/HIS systems;



Maintenance

Easy to operate, one-click maintenance and upkeep;
Automatic maintenance can be set as needed;
Automatic fault diagnosis, one-click troubleshooting;