H-7034

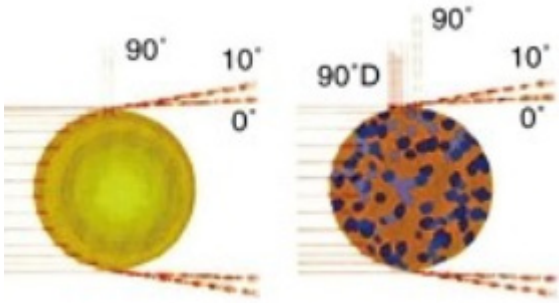
Fully Automatic Hematology Analyzer with Reticulocyte Testing, Auto Sampler, 34 Parameter and 60 Test / Hour

FEATURES

- Laser light multi-dimensional cell classification
- Resistant RBC mode
- WIC and WOC for WBC counting
- Up to 60 samples per hour throughput
- WBC 5 part diff with sheath reagent only
- Support both whole blood and capillary blood samples
- 28 Parameters plus 6 Reticulocyte test, with total of 34 Parameters
- The system will collect blood sample automatically for test.

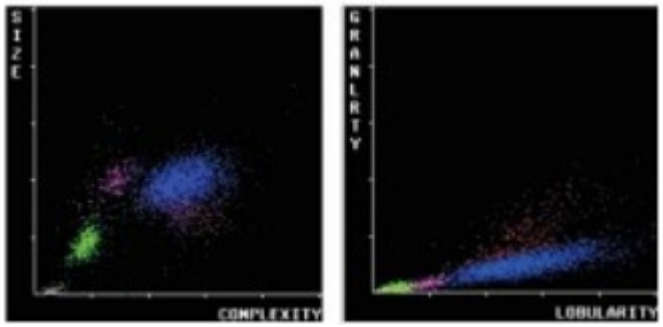
SEMI-CONDUCTOR LASER

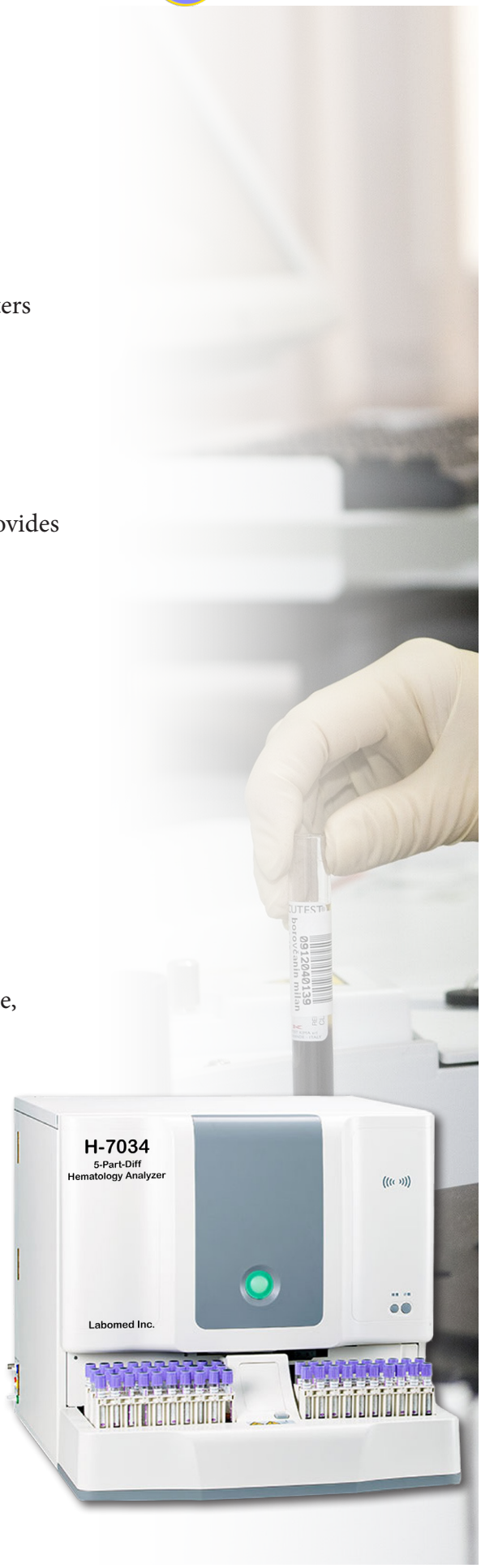
H-7034 Auto Hematology Analyzer uses semi-conductor laser for the flow cytometry system. Through calculations of different angles via laser scatters, the instrument provides complete analysis including cell size, granularity and complexity.



ONE CHANNEL GIVE COMPLETE DIFFERENTIATE WBC

H-7034 Auto Hematology Analyzer counts lymphocyte, monocyte, neutrophil, eosinophil and basophil in WOC channel.





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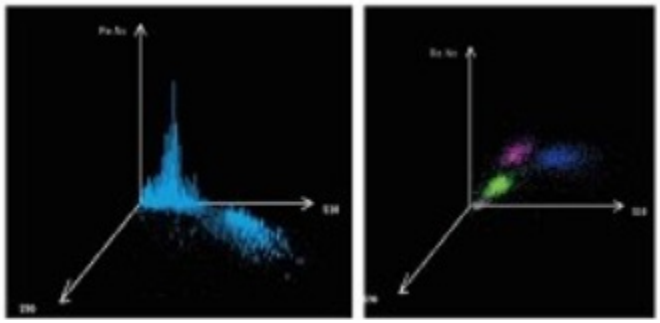
3D STEROGRAMS

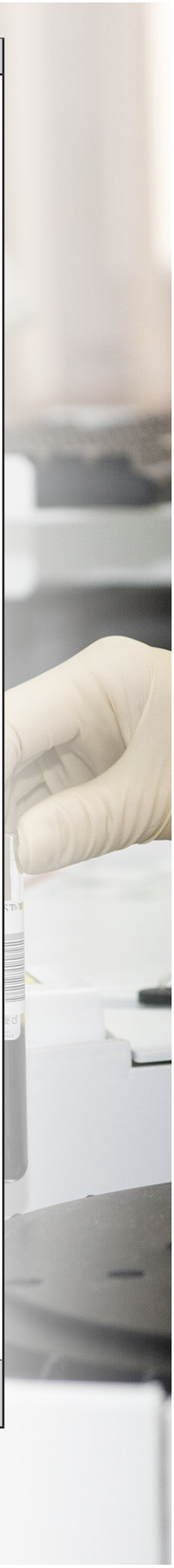
Not only scatter grams but also 3D stereograms are provided by **H-7034 Auto Hematology Analyzer** that the WBC differentiation would be presented on different views.



SPECIFICATIONS

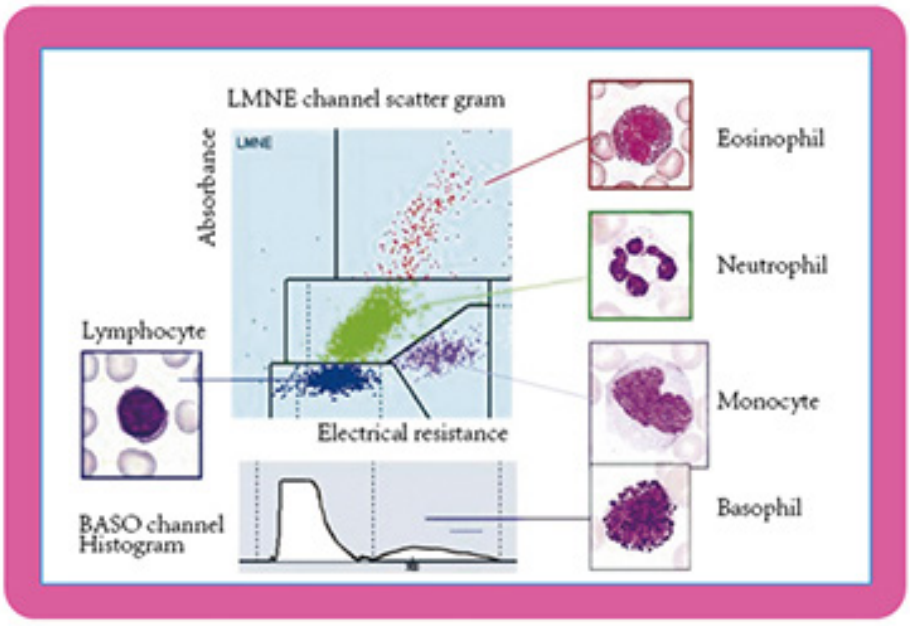
Measuring Principle	Fluorescence Flow Cytometry Technology/cytochemical flow cytometry using Semi-Conductor LASER and Dye Reagents for WBC and 5 Differential for WBC.
	Hydrodynamic Focus/impedance/optical focus flow detection method for RBC & PLT Analysis. Cyanide free SLS/Photometric – Hemoglobin method for HGB measurement.
	Measuring Principles LIC
Sample Volume	Min 20uL EDTA Whole Blood
Throughput (T/hr)	60 samples per hour or above
Operating System	Windows 7 or later
PC Hardware	Must be purchased separately (Labomed, Inc. does not sell it)
RAM	≥ 1GB, HDD: 160 GB SATA
Display	≥ 17" LCD Color Monitor
Data Storage	Min 10,000 test about patients
Discrete Mode	CBC Mode CBC+DIFF Mode
Power Supply	110-230V AC, 400W, 50Hz, locally compatible mains plug, set of replacement fuses (if replaceable type used)
Dimensions	400 x 420 x 490mm
Weight	25kg

Parameters	34 parameters +5 histograms + 1 scattergram
	NEUT (#): Neutrophil Count NEUT (%): Neutrophil Ratio LYMPH (#): Lymphocyte Count LYMPH (%): Lymphocyte Ratio MXD (#): Eosinophil, Basophil and Monocyte Count MXD (%): Eosinophil, Basophil and Monocyte Ratio RDW-SD: Red Blood Cell Distribution Width - Standard Deviation RDW-CV: Red Blood Cell Distribution Width - Corpuscular Volume WBC (#): White Blood Cell Count RBC (#): Red Blood Cell Count MONO (#): Monocyte Count MONO (%): Monocyte Ratio GR (#): Granulocyte count GR (%): Granulocyte Ratio HGB (#): Hemoglobin Count HGB DW: Hemoglobin Distribution Width MCH: Mean Corpuscular Hemoglobin MCHC: Mean Corpuscular Hemoglobin Concentration MCV: Mean Corpuscular Volume HCT (#): Hematocrit Count PLT (#): Platelet Count PCT: Prolactin Count MPV: Mean Platelet Volume PDW. Platelet Distribution Width RTC: Reticulocyte Count WBC Histograms: White Blood Cell Histograms RBC Histograms: Red Blood Cell Histograms PLT Histograms: Platelet Histograms Baso Histograms: Basophil Histograms WBC (White Blood Cell) Differential Scattergram NEUT (#): Neutrophil Count NEUT (%): Neutrophil Ratio BASO (#): Basophil Count BASO (%): Basophil Ratio EOS (#): Eosophil Count EOS (%): Eosophil Ratio P-LCR (#): Platelet Large Cell Ratio ALY (#): Atypical Lymphocyte Count ALY (%): Atypical Lymphocyte Ratio LIC (#): Limiting Isorrheic Concentration Count LIC (%): Limiting Isorrheic Concentration Ratio"
	(NEU#, NEU%, BAS#, BAS%, EOS#, EOS%, RDW-SD #, RDW-CV #, P-LCR #, ALY #, ALY%, LIC#, LIC%, BASO #, RSC # Histogram)



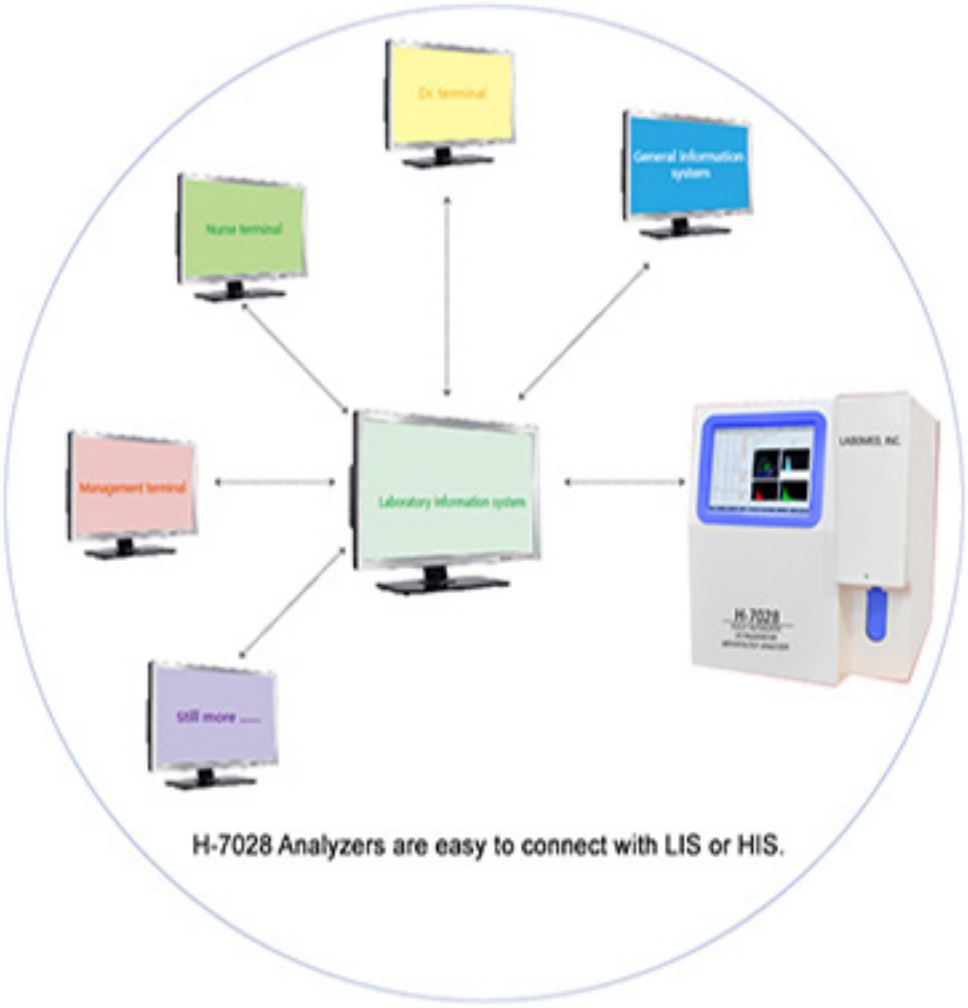
ACCESSORIES

- **Roller Mixer for Homogenous mixing of Blood - one (Optional)**
- **One set Startup Reagents (Optional)**
- **Reagents for 5000 test at user end (Optional)**

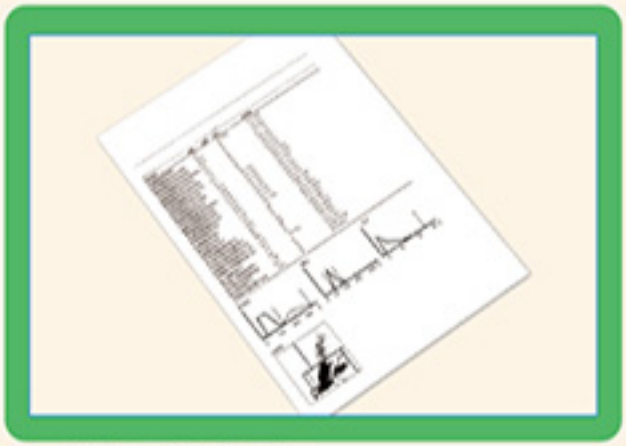


■ Accurate and reliable WBC 5-part diff.

■ Friendly and convenient interface.

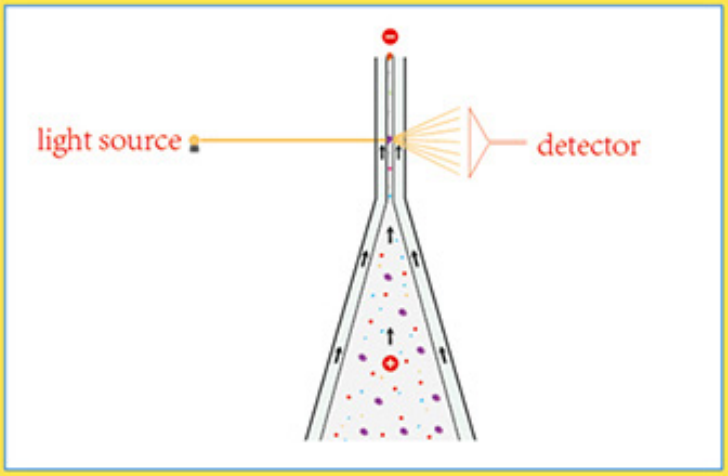


H-7028 Analyzers are easy to connect with LIS or HIS.



- Report with complete information.

- High-tech electronic measuring system.



- Light scatter and impedance measuring for WBC diff.

- Calibrators, controls and reagents.