



ES-HEM-9000

5-part Diff Hematology Analyzers



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LABORATORY



ES-HEM-9000

5-part Diff Hematology Analyzers

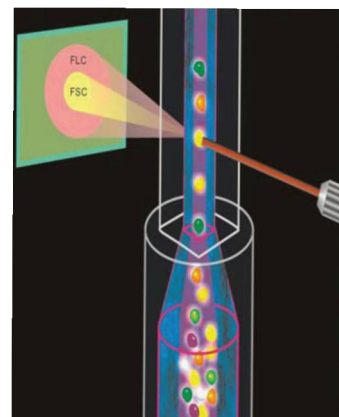


Multi-angle Laser Scattering Principle

On classify of leukocyte adopt for semiconductor laser flow cell technology to process the numeration of leukocyte and classification.

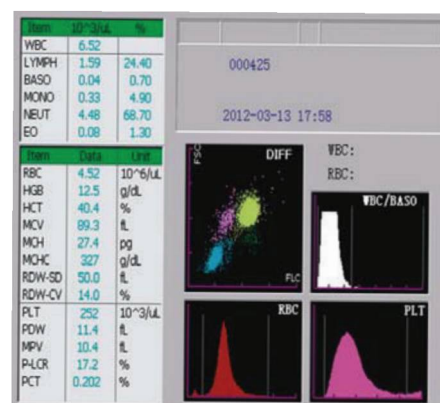
Semiconductor laser irradiate on the cell through from processed by the sheath flow technology, which can be identified the cell classification on basic of each cell generated the second signal.

Forward Minor angle scatter signal can react cell size; Forward Large angle scatter signal can react the inclusion information of cell particle and nucleus.



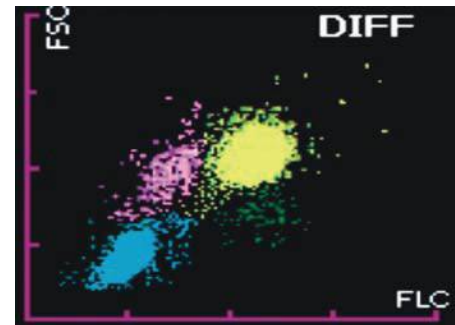
Performance Characteristic

- Large-screen color TFT touch screen
- Dual-channel WBC five-part diff along with screening function out of abnormal cell
- For volume metering, which adopts two technology of floater metering and time monitor, to be sure the accuracy of measurement and calculation.
- 28 parameters, including one scattergram, three histogram
- Standard auto loader, automatic sampling machine with highly automaticity
- Auto mixing and cap piercing, decrease the risk of infection, to protect the operation security.
- Built-in barcode reader, large collection for amount of information; fast input speed
- Using Sample Rotor Valve, to be sure the highly accurate of sample volume and precise testing result.



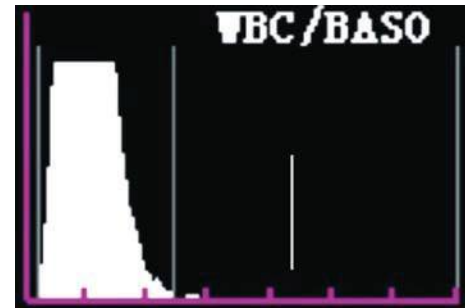
DIFF Laser Channel

On the DIFF laser channel, hemolysin dissolve RBC and PLT, through the detection of semiconductor laser flow scattering technology, lymphocytes, monocytes and eosinophils along with neutrophils will be completely distinguished, meanwhile screening abnormal lymphocytes and immense immature cell, and display on the DIFF scattergram.



WBC/BASO Channel

In the independent WBC/BASO channel, under the customized hemolytic effect, to get the precise result of BASO, and obtain the total amount of basophils and WBC, meanwhile effectively ruled out the other factors for counting interference such hard-to-dissolve cell, giant platelets, platelet clumping and other non cellular particles etc.



Standard Auto Loader

Auto loader with 50 samples capacity, highly automaticity, Auto mixing and cap piercing to avoid biohazard.





Technical Features

	ES-HEM-9000	
Principle:	Multi-angle Laser Scattering for WBC (DIFF), impedance resistance for WBC (BASO), RBC, PLT, Cyanide-free photometry for hemoglobin	
Parameter:	28 Parameters, one scattergram, three histograms	
Sample Volume:	40µL	
Two testing mode for option:	sample close whole blood, manual open (whole blood, Capillary)	
Throughput:	80sample/hour	
Display:	10.4inch color TFT touch screen	
Operation interface:	English version, use-defined report	
Barcode scanning:	Built-in barcode scanner	
Data Storage:	With a storage capacity of 35,000 patient's result (including scattergrams and histogram)	
Main Machine Size:	517*604*578	
Weight:	70KG	
Power:	220V, 50HZ (optional of wide power supply)	

Optional accessories

External barcode reader

Reagents

• Diluent

• Lyse B

• Lyse D

• Cleaner



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