

HEMA-3000

6-Part-Diff Auto Hematology Analyzer



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Auto Hematology Analyzer



**Laser light and impedance
measurements on WBC**

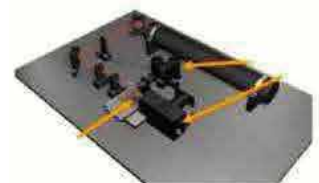




- Laser light multi-dimensional cell classification
- Double mode for WBC counting (Impedance Count and Optical Count)
- Resistant: RBC mode
- Sample rotatory valve quantification technique
- Up to 110 samples per hour
- Walk-away automation, high efficiency and accuracy
- WBC 6 part diff with sheath reagent only.
- Semiconductor laser based flow cytometry for WBC Differential with specific staining to stain nucleic acid content of
- Cells which generate fluorescence to differentiate between abnormal cell and normal cells.
- The System have auto probe Wiper to clean the sample probe automatically after sample aspiration.
- The system have automatic floating threshold for correct separation of WBC, RBC's and platelets during overlap of microcytosis.
- Able to perform all blood counts from whole blood and blood components at different dilutions for the purpose of quality control.
- Online voltage corrector.
- Built-in thermal printer connected to external computer and printer.

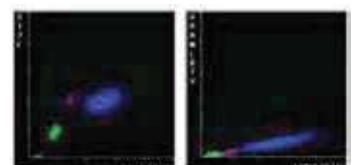
Helium-neon laser light scatter:

HEMA-3000 Auto Hematology Analyzer uses helium-neon 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:

HEMA-3000 counts lymphocyte, monocyte, Neutrophil, eosinophil and basophil WOC channel.



Regulatory compliances



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