

# HEMA 5250 | Auto Hematology Analyzer

## | Specifications |

<b>28 parameters</b>	WBC,LYM%,MON%,NEU%,EOS%,BASO%,LYM#,MON#,NEU#,EOS#,BAS#,RBC,HGB, HCT,MCV,MCH,MCHC,RDW_CV,RDW_SD,PLT,MPV,PDW,PCT,P_LCR,P_LCC, RETIC_ABS,RETIC, IRF
	2 Histograms for RBC and PLT
	2 Scatter grams: 5-part differential scatter gram Eosinophils and Moutrophils scatter gram
	2 3-D stereograms

<b>Principles of operation</b>	WBC/DIFF: Flow Cytometry, Laser light multi-dimensional cell classification
	WBC Analysis: Optical and impedance measurements
	RBC/PLT Analysis: Impedance method
	HGB test: Cyanide-free reagent colorimetry

<b>Reagent</b>	Diluent, Sheath, Detergent,Lyse
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<b>Sampling modes</b>	Whole blood : 20µL Pre-diluent : 20µL
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<b>Aperture Diameter</b>	WBC 100 µ m, RBC/PLT 68 µ m
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<b>Throughput</b>	Whole blood : up to 60 samples per hour Pre-diluent : up to 60 samples per hour
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<b>Data storage</b>	Up to 200,000 sample results with grams
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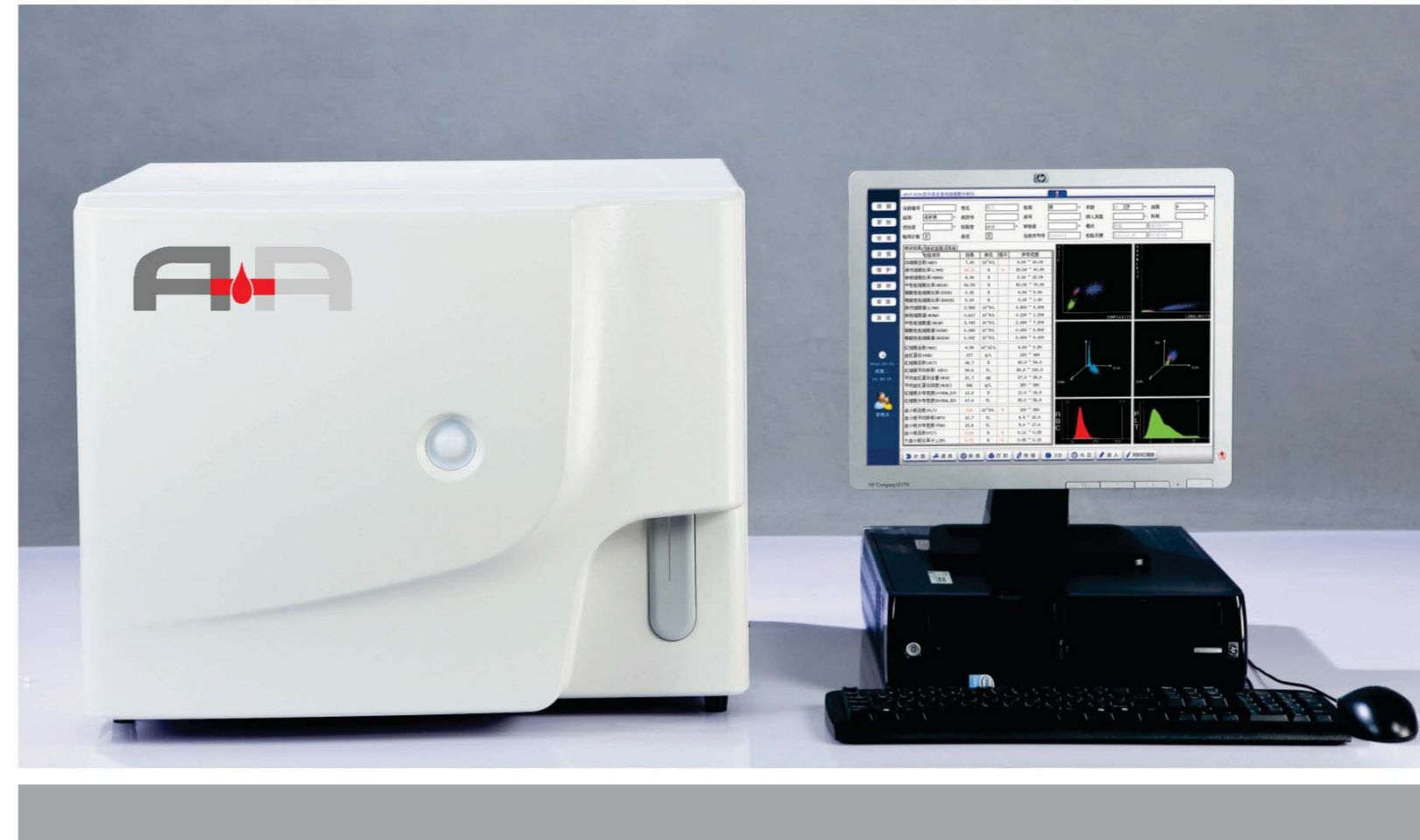
<b>Alarms</b>	Error messages
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<b>Display</b>	PC display (17 inch color TFT)
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<b>Dimension</b>	598.5MM (L) × 585. 5MM (W) × 488. 5MM (H)
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<b>Power</b>	220V,50/60Hz 600VA
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<b>Weigh</b>	70kg
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# HEMA -5250

## 5-Part-Diff Auto Hematology Analyzer



<http://www.aa-diagnostics.de>



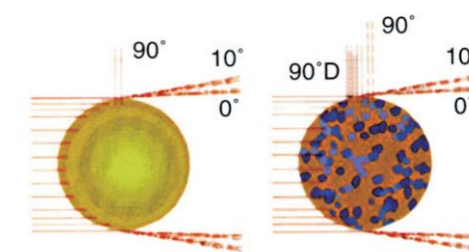
# HEMA 5250 | Auto Hematology Analyzer



- 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
- Four reagents for 25 parameters

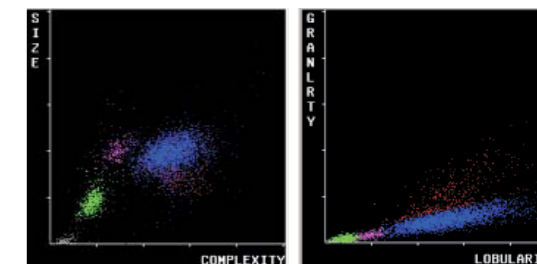
## Semi-conductor laser

HEMA -5250 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

HEMA -5250 counts lymphocyte, monocyte, neutrophil, eosinophil and basophil in WOC channel.



## 3D stereograms

Not only scatter grams but also 3D stereograms are provided by HEMA 5250 that the WBC differentiation would be presented on different views.

