

URIT

5380

Auto

Hematology Analyzer

| Specifications |

	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
28 parameters	2 Histograms for RBC and PLT 2 Scatter grams: 5-part differential scatter gram Eosinophils and Moutrophils scatter gram 2 3-D stereograms
Principles of operation	WBC/DIFF: Flow Cytometry, Semi-conductor,Laser light multi-dimensional cell classification WBC Analysis: Optical and impedance measurements RBC/PLT Analysis: Impedance method HGB test: Cyanide-free reagent colorimetry
Reagent	Diluent, Sheath, Detergent,Lyse
Sampling modes	Whole blood : 20μL Pre-diluent : 20μL
Aperture Diameter	WBC 100 μ m, RBC/PLT 68 μ m
Throughput	Up to 60 samples per hour with 50 autoloader positions
Data storage	Up to 200,000 sample results with grams
Alarms	Error messages
Display	PC display
Dimension	660MM (L) × 565MM (W) × 545MM (H)
Power	220V,50/60Hz 300VA
Weigh	73kg

URIT MEDICAL ELECTRONIC (GROUP) CO., LTD.

Head Office

Add.: No.4 East Alley, Jiuhua Road, Guilin, Guangxi 541001, P.R. China

Tel: +86-773-2288586 Fax: +86-773-2288560

E-mail:export@uritest.com service@uritest.com

Shenzhen Office

Add.: Room EJ, 24th Floor, New Baohui Building, Nanhai Road, Nanshan District, Shenzhen, P.R. China

Tel: +86-755-26050853 Fax: +86-755-86036150

Http://www.urit.com



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Global Diagnostics Supplier



URIT-5380

5-Part-Diff

Auto Hematology Analyzer

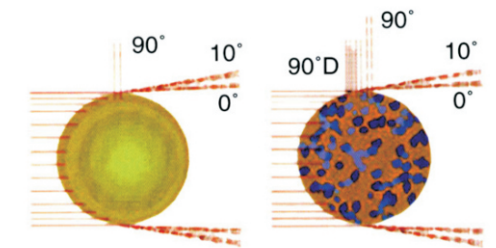




- Laser light multi-dimensional cell classification
- Resistant RBC mode
- WIC and WOC for WBC counting
- Up to 60 samples per hour throughput
- WBC 5 part diff with sheath reagent only
- Support both whole blood and capillary blood samples
- Four reagents for 25 parameters

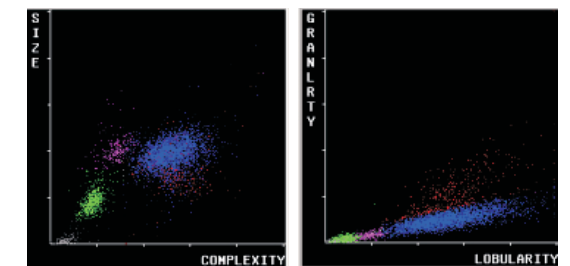
Semi-conductor laser

URIT-5380 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

URIT-5380 counts lymphocyte, monocyte, neutrophil, eosinophil and basophil in WOC channel.



3D stereograms

Not only scatter grams but also 3D stereograms are provided by Urit-5380 that the WBC differentiation would be presented on different views.

