

# 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-5380

## 5-Part-Diff Auto Hematology Analyzer

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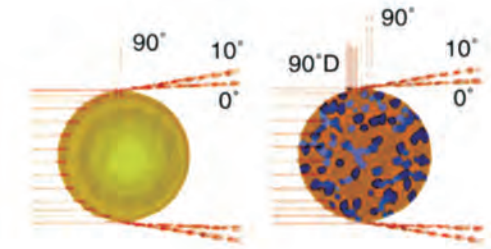
# URIT 5380 | Auto Hematology Analyzer



- 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

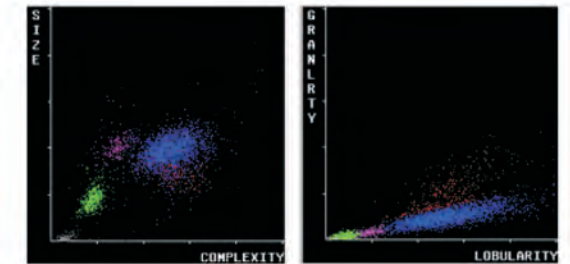
## Semi-conductor laser

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.

