

# AUTO HEMATOLOGY ANALIZER

## Smallest 5 Diff with RET test

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



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# 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, NRBC%, NRBC  
 RETIC\_ABS, RETIC, IRF

## 29 parameters

- 2 Histograms for RBC and PLT
- 2 Scatter grams: 5-part differential scatter gram
- Eosinophils and Moutrophils scatter gram

## 2 3-D stereograms

WBC/DIFF: Flow Cytometry, Semi-conductor,Laser light multi-dimensional cell classification

## Principles of operation

- 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

- Whole blood : up to 60 samples per hour
- Pre-diluent : up to 60 samples per hour

## Data storage

Up to 100,000 sample results with grams

## Alarms

Error messages

## Display

10.4 inch with touch screen



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