

# URIT-5160 Hematology Analyzer

- Laser light multi-dimensional cell classification
- Resistant RBC mode
- WIC and WOC for WBC counting
- Up to 60 samples per hour throughput
- With touch screen



# URIT 5160 | Auto Hematology Analyzer

## Specifications

WBC, LYM%, MON%, NEU%, EOS%, BAS%, LYM#, MON#, NEU#, EOS#, BAS#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW\_CV, RDW\_SD, PLT, MPV, PDW, PCT, P\_LCR, P\_LCC, RETIC%, RETIC\_ABS, IRF

Research Parameters: ALY#, ALY%, LIC#, LIC%, NRBC#, NRBC%

### 34 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 100µm RBC/PLT 68µm

### Throughput

Whole blood : up to 60 samples per hour

Pre-diluent : up to 60 samples per hour

### Data storage

Up to 200,000 sample results with grams

### Alarms

Error messages

### Display

10.4 inch with touch screen

### Size

L490mm x H332mm x W459mm

### Power

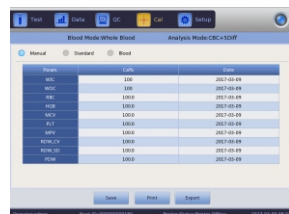
250VA

### Weight

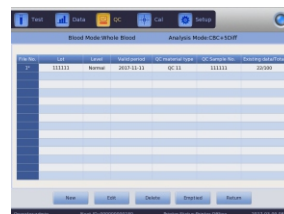
35KG



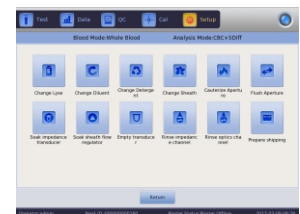
Main page



Calibration setting



QC setting



System maintenance

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