

**Lifotronic**  
— Caring for Better Life —

  
**Wheisman**



# AC 310

Auto 3-part Hematology Analyzer



### Accurate measurement for low value PLT

Advanced Sweep-Flow technology guarantees low PLT samples counted precisely



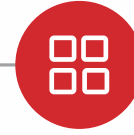
### Low running cost

Only two routine reagents, low reagent consumption for single test



### 10.4 inch LCD

Color LCD with touch screen, no external PC needed



### Easy to use

One touch to start testing, one click to remove error, friendly operation menus

## Technical Specification

### Principles

- Impedance method
- Cyanide free colorimetric method

### Parameters

21 Reportable parameters:

WBC, Lym#, Mid#, Gran#, Lym%, Mid%, Gran%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC

3 Histograms (WBC, RBC, PLT)

### Test Mode

Venous whole blood, Capillary whole blood and Prediluted

### Throughput

60 tests/hour

### Performance

Parameter	Linearity Range	Carry Over	CV
WBC	0-300x10 <sup>9</sup> /L	≤0.5%	≤2.0%
RBC	0-8x10 <sup>12</sup> /L	≤0.5%	≤1.5%
HGB	0-250g/L	≤0.5%	≤1.5%
PLT	0-3000x10 <sup>9</sup> /L	≤1.0%	≤4.0%

### Sample Volume

≤10ul

### Data Memory

Up to 100,000 results (including histograms and patient information)

### Display

10.4 inch touch screen

### Printout

Built-in thermal printer or External printer

### Interface

- 4 USB, 1 LAN, 1 RS-232
- Support LIS connection
- RF card for reagent closing system(optional)

### Size / Weight

L \* W \* H = 411\*315\*416(mm)

Weight: 26kg

### Working Environment

- Power: a.c.100-240V, 50/60Hz
- Temperature: 10-30°C
- Humidity: 20-85%
- Air pressure: 70-106KPa
- Working Latitude: ≤3500m



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