



# AC-360

## 3-Part Auto Hematology Analyzer

### Features:

- \* Compact Design, Efficiency Expert
- \* The detection speed can reach 60 samples/hour, the result processing is more efficient, optimal choice for emergent sample
- \* 10.4" touch screen, friendly user interface, convenient operation
- \* 9 $\mu$ L micro blood collection, peripheral blood test is more applicable.
- \* Storage of 500000 results, results are stored without pressure.
- \* Equipped with one key obstacle removal technology which can quickly eliminate faults and ensure efficient use.



### Accurate measurement for low value PLT

Advanced Cell pulse Baseline tracking and restore technology



### 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

#### Throughput

60 samples/hour

#### Detection Channel

Double-channel for counting  
Aperture Size: WBC-100µm & RBC-70µm

#### Sample Volume

Minimum volume 9µl whole blood

#### Counting modes

Whole blood-mode, pre-diluted mode

#### Detection Principle

Impedance method(WBC,RBC, PLT) and cyanide free colorimetric method(HGB)

#### Reagent

Two reagent system- Diluent & Lyse

#### Display

10.4 inch color display screen with touch panel

#### Storage

5000,000 sample results, including histogram and patient information

#### Input/Output

4 USB ports and Bi-directional LIS connection, support USB keyboard , mouse, USB Disk and USB printer

#### Report print

Built-in thermal printer  
Support external more than 5 types USB HP printers (Optional)  
Support different languages when leaving the factory  
Multiple built-in report templates available

#### Detection items

The detection items includes maximum 21 parameters(WBC, LYM#, MID#, GRAN#, LYM%, MID%, GRAN%, RBC, HCT, MCV, PCH,MCHC,RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, HGB, P-LCC,P-LCR, 3 histograms, alarm for abnormal erythrocytes, leucocyte and platelet)

#### Leading Technology

Cell pulse baseline tracking and restore technology  
High voltage burning technology  
Built-in liquid sensor technology  
High speed pulse collecting and discrimination technology  
Intelligent floating threshold technology

#### Operating Environment

Temperature : 10°C- 35°C  
Relative humidity: 20%-85%

#### Power Supply

100-240V AC . 50/60 Hz  
≤150V AC

#### Dimension

420(L) X 295(W) X 430mm(H)

#### Net Weight

≤28kg

#### Linearity

WBC	0.0 X10 <sup>9</sup> /L ~ 300.0 X10 <sup>9</sup> /L
RBC	0.0 X10 <sup>12</sup> /L ~ 8.0 X10 <sup>12</sup> /L
HGB	0.0 g/dL ~ 28.0 g/dL
PLT	0.0 X10 <sup>9</sup> /L ~ 400.0 X10 <sup>9</sup>
HCT	0% ~ 67%

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