



## Automatic Hematology Analyzer AC- 560



- The brand-new automated 5-part differentials hematology analyzer.
- Tri-angular laser scatter + Flow cytometry for 5-part WBC counting.
- Independent BASO counting channel.
- Whole Blood, Peripheral Blood, Pre-diluted blood.
- Throughput with 60 samples / hour.
- 29 parameters (include 4 research parameters).
- 3 reagents with original QC and Calibrators.



### SPECIFICATIONS

#### Principles

Electrical impedance, Colorimetry;

Laser scattering method

#### Parameters

WBC, BAS#, BAS%, NEU#, NEU%, EOS#, EOS%, LYM#, LYM%, MON#, MON%, RBC, HGB, HOT, MOV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC; ALY#, ALY%, LIC#, LIC%;

WBC Histogram, RBC Histogram, PLT Histogram;  
2D DIFF Scatter gram x 3; 3D DIFF Scatter gram x 1;

#### Testing mode

CBC, CBC+DIFF

#### Sample consumption

Whole Blood: 15µl (CBC+DIFF/ CBC)

Pre-diluted 20µl(CBC+DIFF/ CBC)

#### Reagents

RD-50 Diluent, RL-50D lyse, RL-50H lyse

#### Throughput

60 S/H

Test	Linear range	Carry-over	CV(whole blood)
WBC	0-500x10 <sup>9</sup> /L	_ <0.5%	_ <2.0%
RBC	0-8X1 012/L	_ <0.5%	_ < 1.5%
HGB	0-250g/L	_ <0.5%	_ < 1.0%
PLT	0-5000x10 <sup>9</sup> /L	_ <1.0%	_ < 4.0%

#### Optional external devices

Bar-code reader, Mouse, Keyboard, External printer

#### Sample types

Whole Blood, Peripheral Whole Blood, Pre-diluted blood

#### System

Integrated windows system displayed by 10.4 inches color touch screen.

Bi-directional LIS communication

#### Link ports

LAN; USB x 4

#### Working Environment

10°C~30°C; humidity < 85%

#### Data storage

100000 results

#### Power

110V-240V; 50Hz/60Hz; 400VA

#### Printer

Internal thermal printer

#### Size (mm)

365x 470x 525;

#### Weight

31 Kg