



- 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.

# B1560 5-Diff

Automatic Hematology Analyzer



## 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

