



Leading brand in Vitro Diagnostics



COMPACT SIZE  
HIGH CAPABILITY  
ROBUST, VERSATILE AND RELIABLE

**MZ03**

Automated 3-part Hematology Analyzer



### High Performance

Pulse base-line signal tracing technology  
Wider linearity range  
More stable results  
Easily establish trust with customers



### Compact design

Small footprint  
Build-in thermal printer  
Build-in lyse position  
Save space for small labs



### Advanced Usability Features

WiFi function for LIS communication  
Multiple interfaces for peripheral devices  
10.4 inches TFT touch screen  
Easy operation for various of operators



### Cost-effective innovation

Precise and low sample volume  
Good choice for patients with blood collection difficulties  
Lower reagent consumption  
Full-scale benefit consideration for customers

#### Principles

Impedance method for WBC, RBC and PLT test  
Cyanide free colorimetry for HGB test

#### Parameters

21 reportable parameters: WBC, Gran#, Lym#, Mid#, Gran%, Lym%, Mid%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR, P-LCC  
3 histograms for WBC, RBC and PLT

#### Printout

Internal printer: 57 mm thermal printer with various formats  
External printer: compatible with multiple laser / inkjet printers, compatible with various formats and user-defined formats

#### Sample mode

Whole blood and pre-diluted modes

#### Sample volume

9µL

#### Display

10.4 inches TFT touch screen

#### Storage

Up to 500,000 records

#### Throughput

Up to 55 tests per hour

#### Interface

4 USB ports, 1 LAN port

#### Communication

Support bi-directional LIS

#### Repeatability

WBC: ≤2.0% (7.01-15.00×10<sup>9</sup>/L)  
≤2.5% (3.50-7.00×10<sup>9</sup>/L)  
RBC: ≤1.4% (3.50-6.50×10<sup>12</sup>/L)  
HGB: ≤1.4% (110-180g/L)  
MCV: ≤0.5% (70.0-110.0fL)  
PLT: ≤4.0% (150-500×10<sup>9</sup>/L)  
≤5.0% (100-149×10<sup>9</sup>/L)

#### Linearity range

WBC: 0.00-300×10<sup>9</sup>/L  
RBC: 0.00-8.50×10<sup>12</sup>/L  
HGB: 0-250g/L  
PLT: 0-4000×10<sup>9</sup>/L  
HCT: 0.0-75%

#### Dimension

270mm(W)\*375mm(H)\*350mm(D)

#### Net weight

16kg

#### Power requirement

100V-240V~, 50/60Hz

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Information

