



## Developed design



4 USB ports for data transmitting and connection with printer, keyboard, mouse barcode scanner etc.

## Capillary method



Running capillary blood through the sample probe directly is more convenient for the users in children's hospitals etc. For Prediluted mode, MZ05 has higher dilution ratio and better mixing effect.

## Efficient



4 reagents totally, 3 are routine use. 2 years shelf life

**Principles** Flow Cytometry (FCM) + Tri-angle laser scatter + Chemical staining method for WBC differentiation  
Impedance method for RBC and PLT test  
Cyanide free colorimetry for HGB test

**Parameters** 23 reportable parameters:  
WBC, Neu#, Lym#, Mon#, Eos#, Bas#, Neu%, Lym%, Mon%, Eos%, Bas%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT  
4 research parameters: ALY#, ALY%, LIC#, LIC%  
3 histograms for WBC, RBC and PLT  
Four 2D scattergrams for WBC differentiation

**Sample Volume** 20 $\mu$ L

**Linearity Range** WBC: 0.00-300.00 $\times 10^9$ /L  
RBC: 0.00-8.50 $\times 10^{12}$ /L  
HGB: 0-250g/L  
PLT: 0-3000 $\times 10^9$ /L  
HCT: 0.0-67.0%

**Repeatability** WBC $\leq 2.5\%$  (4.0-15.0 $\times 10^9$ /L)  
RBC $\leq 1.5\%$  (3.5-6.0 $\times 10^{12}$ /L)  
HGB $\leq 1.5\%$  (70-120g/L)  
MCV $\leq 1\%$  (70-120fL)  
PLT $\leq 6.0\%$  (100-149 $\times 10^9$ /L)  
 $\leq 4.0\%$  (150-500 $\times 10^9$ /L)

**Throughput** Up to 60 tests per hour

**Display** 10.4 inches high resolution TFT touch screen

**Printout** External printer, compatible with multiply laser / inkjet printers, compatible with various formats and user-defined formats

**Storage** Up to 50,000 records

**Sample mode** Whole blood, capillary whole blood and pre-diluted modes


**Interface** 4 USB ports, 1 LAN port

**Power requirement** 100V-240V~, 50/60Hz,  $\leq 200$ VA

**Dimension** 364mm(W)\*498mm(H)\*431mm(D)

**Net weight** 28kg

 Laan van de Ram 49, 7324BW, Apeldoorn, The Netherlands

 [info@biozek.com](mailto:info@biozek.com)

 [www.biozek.com](http://www.biozek.com)

Information

