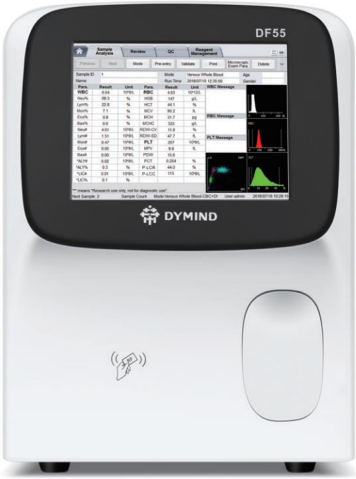


# DF55

Blockbuster Mini 5-Part Hematology Analyzer

<p><b>Principles</b> Flow cytometry(FCM)+Tri-anglescatter for 5-part differential analysis and WBC counting Impedance method for RBC and PLT counting Cyanide free colorimetry for HGB test</p> <p><b>Parameters</b> 25 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, P-LCR, P-LCC 6 research parameters: ALY#, ALY%, LIC#, LIC%, NRBC#,NRBC% 3 histograms for WBC, RBC and PLT Three DIFF scattergrams and one BASO scattergram for WBC differentiation</p>	<p><b>Sample volume</b> 20μL</p> <p><b>Linearity range</b> WBC: 0.00-300.00×10<sup>9</sup>/L RBC: 0.00-8.50×10<sup>12</sup>/L HGB: 0-250g/L PLT: 0-3000×10<sup>9</sup>/L HCT: 0.0-67.0%</p> <p><b>Repeatability</b> WBC≤2.0%(4.0-15.0×10<sup>9</sup>/L) RBC≤1.5%(3.5-6.0×10<sup>12</sup>/L) HGB≤1.5%(110-180g/L) MCV≤1%(70-120fL) PLT≤6.0%(100-149×10<sup>9</sup>/L) ≤4.0%(150-500×10<sup>9</sup>/L)</p>
<p><b>Sample mode</b> Whole blood, capillary whole blood and pre-diluted modes</p> <p><b>Throughput</b> Up to 60 tests per hour</p> <p><b>Display</b> 10.4 inches TFT touch screen</p> <p><b>Printout</b> Internal printer: 57 mm thermal printer with various formats External printer: compatible with multiply laser / inkjet printers, compatible with various formats and user-defined formats</p> <p><b>Storage</b> Up to 100,000 records</p>	<p><b>Communication</b> LAN port supports HL7 protocol Support bi-directional LIS</p> <p><b>Interface</b> 4 USB ports, 1 LAN port</p> <p><b>Power requirement</b> 100V-240V~, 50/60Hz, ≤200VA</p> <p><b>Dimension</b> 364mm(W)*498mm(H)*431mm(D)</p> <p><b>Net weight</b> 28kg</p>



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## Tri-anglelaser scatter with advanced flow cytometry method

Tri-angle semi-conductor laser scatter can show cellular complexity, cellular granularity and cell volume, that means we can get accurate WBC differentiation.

Advanced flow cytometry can get stable sheath fluid and ensure every cell goes through the flow cell one by one.

## Independent BASO channel

Basophils (BASO) has important clinical significance, such as Leukemia, Anaphylactic Disease, Hematemesis, Cancer and so on.

Real double optical channel test, both for DIFF and BASO, independent BASO channel with optical counting contributes to more precise results.



### ■ Easy to operate

10.4 inches TFT touch screen with 12.5° best angle

### ■ Saving space

Built-in reagent room is convenient for reagent positioning

### ■ Compact size

Small footprint for space saving

### ■ Rich interface

4 USB ports, 1 LAN port

### ■ Humanized design

No barrier around the needle,  
It is suitable for either left hand or right hand

