

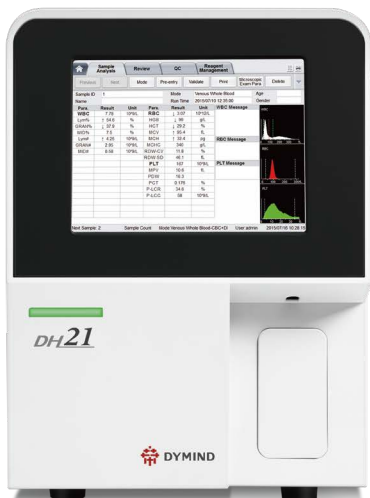


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*Minimum Size  
Maximum Efficiency*



**DH21**

3-Part Hematology Analyzer

### Reliable performance

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



### 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

### Compact design

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

### Humanized design

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

#### 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 multiply laser / inkjet printers, compatible with various formats and user-defined formats

#### Sample mode

Whole blood, and pre-diluted modes

#### Sample volume

9µL

#### Display

8 inches TFT touch screen

#### Storage

Up to 200,000 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% (100-180g/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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Declaration: Shenzhen Dymind Biotechnology Co., Ltd reserves the right to change the product of specifications and appearance at any time. For the information of this manual, Shenzhen Dymind Biotechnology Co., Ltd reserves the right to the interpretation and the decision.

P/N: EN-DH21[1.0]