



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
Built-in thermal printer
Built-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

9 μ L

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: $\leq 2.0\%$ ($7.01-15.00 \times 10^9/L$)
 $\leq 2.5\%$ ($3.50-7.00 \times 10^9/L$)
RBC: $\leq 1.4\%$ ($3.50-6.50 \times 10^{12}/L$)
HGB: $\leq 1.4\%$ (110-180g/L)
MCV: $\leq 0.5\%$ (70.0-110.0fL)
PLT: $\leq 4.0\%$ ($150-500 \times 10^9/L$)
 $\leq 5.0\%$ ($100-149 \times 10^9/L$)

Linearity range

WBC: $0.00-300 \times 10^9/L$
RBC: $0.00-8.50 \times 10^{12}/L$
HGB: 0-250g/L
PLT: $0-4000 \times 10^9/L$
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.

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