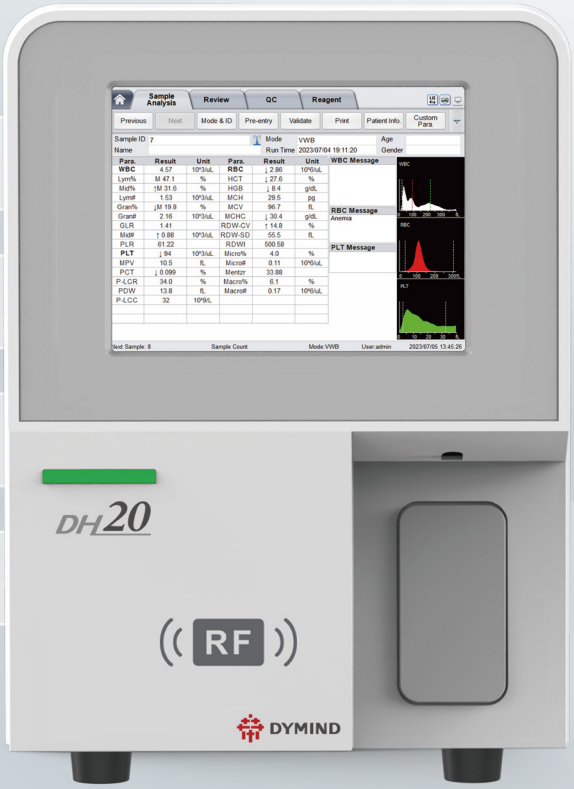
DYMIND | *the simpler, the better*

Compact Yet Powerful

- Compact and user-friendly
- More clinical parameters
- Only 9ul sample volume
- Optional RF card and barcode function



DH20

Auto Hematology Analyzer

Principle

Impedance method for WBC, RBC and PLT test

Cyanide free colorimetry for HGB test

Parameter

21 Reportable parameters

- WBC
- RBC
- HGB
- HCT
- MCV
- MCH
- MCHC
- RDW-CV
- RDW-SD
- PLT
- MPV
- PDW
- P-LCR
- P-LCC
- PCT
- Lym#
- Lym%
- Gran#
- Gran%
- Mid#
- Mid%

8 Researchable parameters

- PLR
- GLR
- RDWI
- Micro%
- Micro#
- Macro%
- Macro#
- Mentzr

Throughput

30T/H

Sample Mode

Whole blood, capillary blood, pre-diluted blood

Sample Volume

≤9uL (whole blood)

Dimension

≤ 270 mm(W), ≤ 375mm(H), ≤ 350 mm(D)

Display

8 inches color touchscreen

Data Storage

200,000

Graph

3 histograms

Interface

4 USB ports, 1 LAN port

Performance

Parameter	Linearity Range	Precision (CV %)
WBC (10^9/L)	0-100	≤3.5% (3.50-7.00) ≤2.5% (7.01-15.00)
RBC (10^{12}/L)	0-8.50	≤2.0% (3.50-6.50)
HGB (g/L)	0-250	≤1.5% (100-180)
MCV (fL)	/	≤1.0% (70.0-110.0)
PLT (10^9/L)	0-1000	≤4.0% (150-500)

Data Transmission

Bi-directional LIS

Power Environment

100V ~ 240V, 50/60Hz

Operating Environment

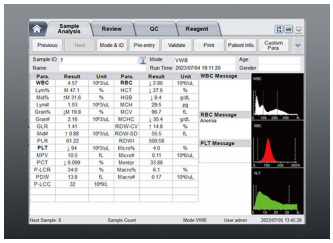
- **Working environment:** 15°C ~ 32°C
- **Relative humidity:** 30% ~ 85%
- **Atmospheric pressure:** 70kPa ~ 106kPa

Printout

- **Internal printer:** internal thermal printer with various formats
- **External printer:** compatible with multiply laser / inkjet printers

More clinical parameters

Now, more researchable parameters such as PLR, GLR, RDWI, Micro%, Micro#, Macro%, Macro#, Mentzr are available with higher clinical meaning of anemia, infection, etc

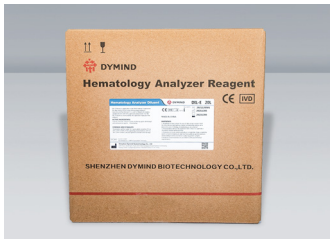


More thoughtful functions

We provide a thoughtful reagent solution of closed system with optional **RF card** or **barcode** according to your requirements

Less reagent consumption

We decrease the unnecessary reagent waste and maintenance, which reduces the maintenance reagent consumption by 20%



Less operation time

The common shut-down time has been reduced to 5 minutes and maintenance time, such as exiting hibernation, has been reduced by 25% , because the fluid circuit and software have been optimized

SHENZHEN DYMIND BIOTECHNOLOGY CO.,LTD.

10th Floor, Building B, High-tech Park, Guangqiao Road, Tianliao Community, Yutang Street, Guangming District, Shenzhen 518107, P. R. China

+86-755-26008015-8123

Intl@dymind.com

www.dymind.com

P/N: EN-DH20 [2.0]