

Principle

CBC+DIFF/RET: Semi-conductor laser scattering & fluorescent staining method
WBC/RBC/PLT counting: Impedance
HGB calculating: Cyanide-free colorimetric method

Parameter

35 reportable parameters :
WBC, Lym%, Mon%, Neu%, Bas%, Eos%, IG%, Lym#, Mon#, Neu#, Eos#, Bas#, IG#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC, RET%, RET#, RHE, IRF, LFR, MFR, HFR, IPF
29 researchable parameters :
WBC-D,TNC-D, IME%, IME#, NLR, PLR, d-NLR, HFC#, HFC%, NRBC#, NRBC%, Micro%, Micro#, Macro%, Macro#, INR#, INR%, H-NR%, L-NR%, PDW-CV, RBC-O, PLT-I, WBC-O, MRV, RPI, IPF#, H-IPF, FRC#, FRC%

Graph

3 Histograms + 2*3D Scattergrams + 8*2D Scattergrams

Sample Mode

Whole blood, capillary blood

Display

12.1 inch color screen

Data Transmission

USB, LAN port and HL7 with bi-direction LIS are available

Barcode Scanning

Automatic rotary barcode scanning.

Data Storage

≥150,000

Printout

Compatible with multiple print formats with user-defined set

Extensibility

Various analyzer combination including double analyzers and customized workflow

Sampling Mode

Automatic & manual modes

Test Mode

CBC, RET, CBC+DIFF, CBC+RET, CBC+DIFF+RET

Sample Volume

Whole blood mode:
CBC: 20μL; CBC+DIFF: 30μL; CBC+DIFF+RET: 35μL

Throughput

Up to 100T/H

Operating Environment

Working Environment: 15°C~32°C;
Relative humidity: 30% ~85%;
Atmospheric pressure: 70kPa~106kPa

Power

Voltage: AC 100V~240V (±10%);
Frequency: 50Hz/60Hz(±1 Hz);
Power: 660VA

Size

W*D*H: 660mm*820mm*870mm

Weight

100Kg

Reagent

DIL-N
DIN-R
LYN-G
LYN-D
FDN-D
FDN-R
CLE-P Cleanser

 **DYMIND** | *the simpler, the better*

Pursue THE Ultimate



DH-615

Automatic hematology analyzer

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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-DH-615 [3.0]

DH-615

Automatic hematology analyzer

Less & More

Less sample volume: Only 35ul sample volume for CBC+DIFF+RET test.

More considerate feature: Fully auto sampling for capillary blood bring more convenience to operators.



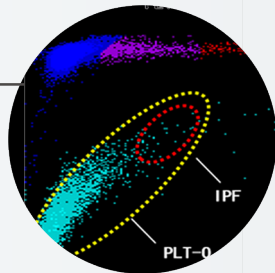
Extraordinary & Reliable

The powerful combination between semi-conductor laser scattering and fluorescent staining method contributes to extraordinary performance and reliable results. Abnormal cellular information about WBC/RBC/PLT, such as IG/IRF/IPF is available.



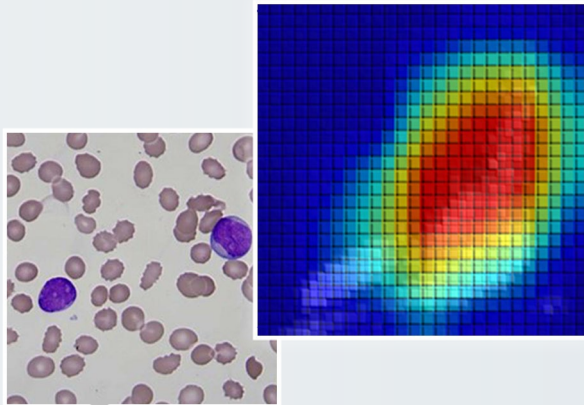
Efficient & Intelligent

Automatic re-exam function for abnormal samples without manual operation when re-exam rules are triggered, which enhances efficiency for labs.

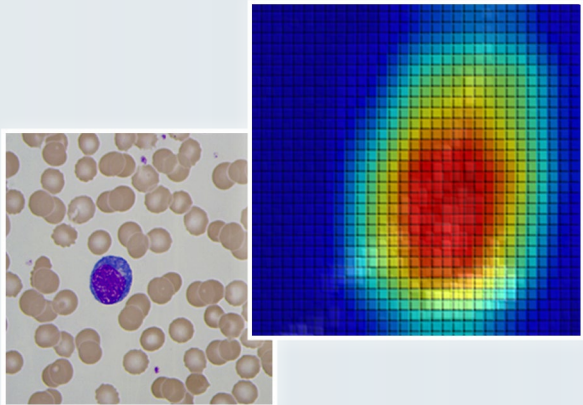


Comprehensive & Accurate

Comprehensive technologies for PLT with impedance & optical method not only provide much more information of PLT, but also decrease interference of microcytes, which ensures accurate results.



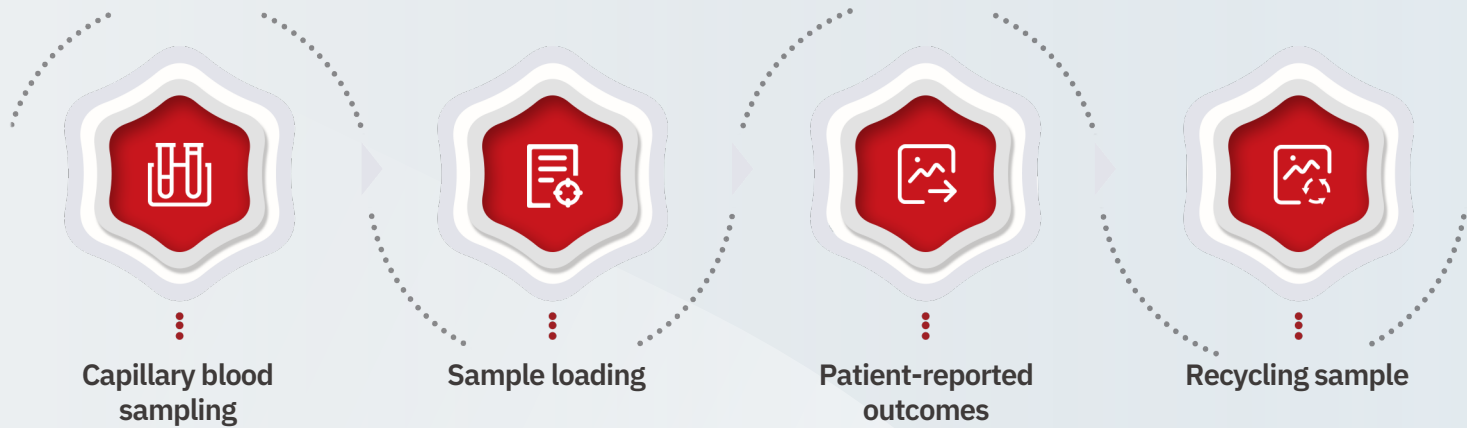
Acute Myeloid Leukemia (AML)



Infectious Mononucleosis (IM)

DH615 takes the first step in innovation of hematology analyzers with **artificial intelligence (AI) technology**. Beyond the function of analyzing abnormal sample alarms, the possibilities of diseases can also be analyzed, like acute myeloid leukemia (AML), acute lymphoblastic leukemia (ALL), infectious mononucleosis (IM), etc.

DYMIND AI platform will continue to enrich various types of diseases, aiming to improve the level of automatic primary screening of clinical abnormal samples.



The whole process of capillary blood measurement could be finished in 1-2 minutes.

Diversified Integrated Solution

Modular combination of various analyzers are available.

