DYMIND

Oryca
Medical Supplies LLC

DH-615

Automatic Hematology Analyzer

Sheikh Saeed Al Maktoum Complex, Jebel Ali Industrial Area First, Unit no: 198 Dubai, UAE
+971(4)2842810 contact@oryca.com www.oryca.com

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Applying fluorescent nucleic acid staining technology.

Provide accurate results of immature cells and support auto re-inspection function.

Two units can be connected to form a workstation to improve the inspection efficiency.

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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

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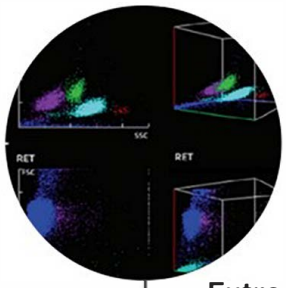


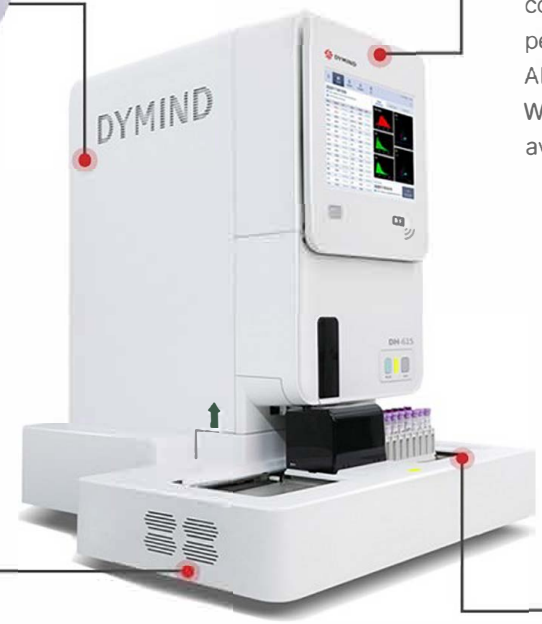
Extraordinary & Reliable

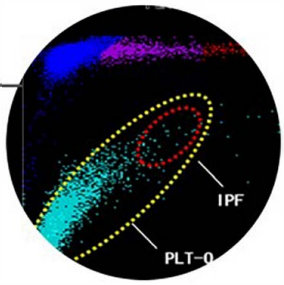
The powerful combination between semi-conductor laser scattering and fluorescent staining method contributes to extraordinary performance and reliable results. Abnormal cellular information about WBC/RBC/PLT, such as IG/IRF/IPF is available.

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.





Comprehensive & Accurate

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

Efficient & Intelligent

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

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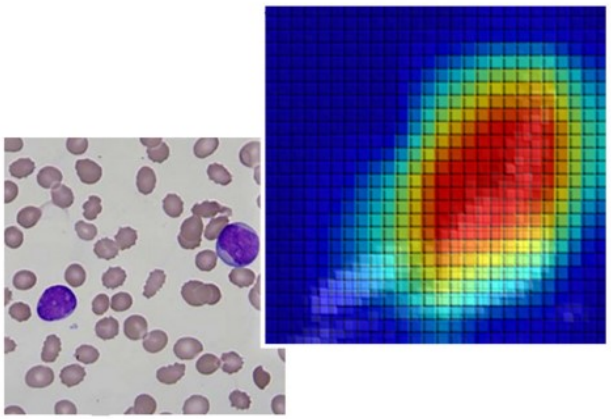
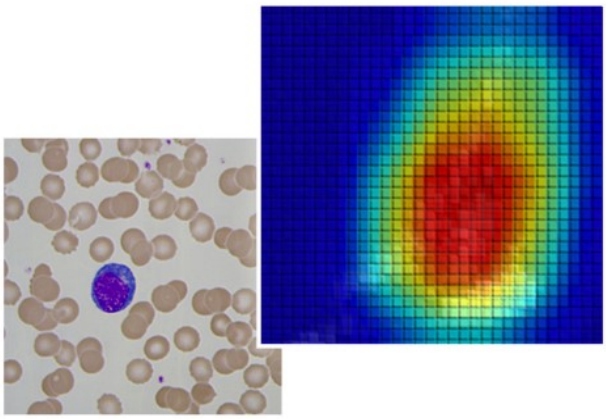


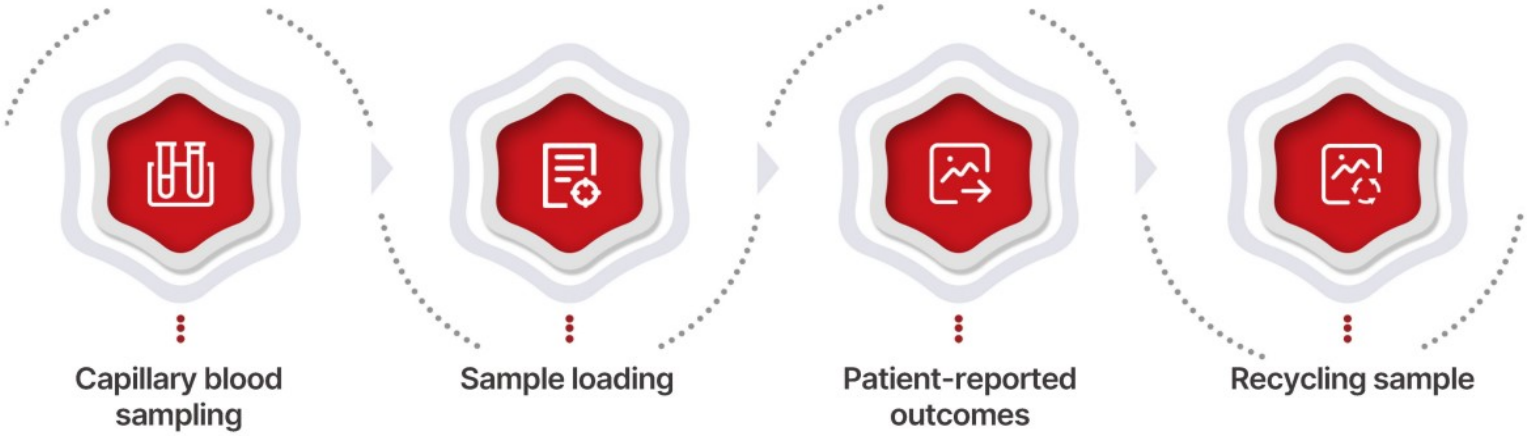
Acute Myeloid Leukemia (AML)



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.