

Flexible Combination



Type I (5*DH-800)
(With sample loading, unloading and barcode scanning units)



Type I (5*DH-800)
(With advanced SPS unit)



Type L (7*DH-800)
(With advanced SPS unit)



Type U (7*DH-800)
(With advanced SPS unit)

Technical Features

Sampling mode

Auto sampling, STAT (closed vial + open vial)

Sample type

Whole blood, capillary blood, body fluid and pre-diluted samples

Connected module

Auto Hematology analyzer and processing module
(Other modules are coming soon)

Throughput (Each single unit)

CD: 110T/H
*CD+CRP: 100T/H
*CD+CRP+SAA: 60T/H
*Only available on DH-800[T7]CRP or DH-800[T7]CS

Principle

DIFF/RET: Laser scattering + Fluorescent staining + FCM
RBC/PLT: Sheath flow impedance method
Hgb: Cyanide-free colorimetry method
CRP/SAA: Latex-enhanced nephelometry method

Aspiration volume

Whole blood: all $\leq 85\mu\text{L}$
Capillary blood: CD $\leq 27.5\mu\text{L}$
Pre-diluted: $\leq 20\mu\text{L}$
Body Fluid: $\leq 85\mu\text{L}$

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

Efficiency with Intelligence



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P/N: EN-DH-8000 [2.0]

DH-8000

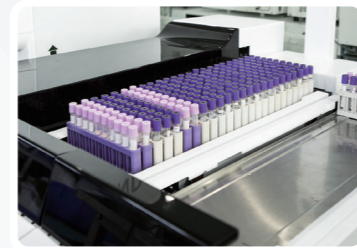
Automatic Hematology Analysis Line

Auto Hematology Analyzer

DH-800 series

- Enhanced AI Technology for **WBC**
- Upgraded anti-interference solution for **RBC**
- Comprehensive Solution for **PLT**
- Unparalleled operation experience
- Various and flexible sampling mode
- Comprehensive solution for auto-maintenance

Sample Loading Unit (SLU) Sample Unloading Unit (SUU) Barcode Scanning Unit (BSU)

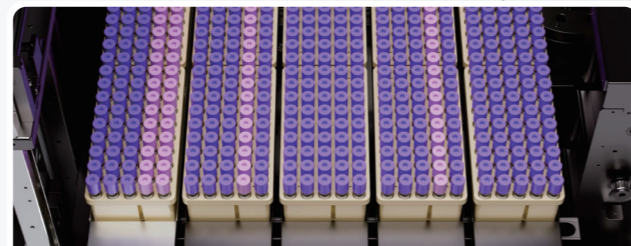


- The sample loading and unloading modules can both carry 240 samples and extend 5 extra modules each
- Identify sample information automatically with 360° rotating barcode scanning module.



Three-track System

Three tracks for transmission, loading and unloading enhance efficiency of sample processing and testing



Sample Pre-processing System

Basic features:

- Sample loading
- Sample unloading
- Barcode scanning
- Sample archiving

Optional features:

- Auto QC module with internal cooling system
- Dump-type loading function



Unique All-in-one Design

- Basic features (conventional sample processing) and Optional function (auto QC + dump-type loading) are both available.
- All-in-one design help users save cost and space greatly.



Real Fully-auto QC testing

- Reservation for auto power-on and QC testing before sample testing.
- Time and frequency for auto QC operation are user-defined flexibly.
- Implement standardized quality control testing process for labs.



Personalized archiving function

- Operators can set sample classification and archiving areas according to their actual needs
- Full process tracking of samples helps to accurately locate and automatically retest abnormal samples



Efficient sample loading design

- Optional dump-type loading function decreases extra operation to place samples into racks.
- It is available to load and test whole blood and capillary blood samples simultaneously with same racks.

