

## DH76

Auto Hematology Analyzer

|                   |  |                          |  |
|-------------------|--|--------------------------|--|
| <b>Principles</b> | Flow Cytometry (FCM) + Tri-angle laser scatter + Chemical staining method for WBC differentiation<br>Impedance method for WBC, RBC and PLT test<br>Cyanide free colorimetry for HGB test   | <b>Sample volume</b>     | 20µL   |
| <b>Parameters</b> | 25 reportable parameters: WBC, Neu#, Lym#, Mon#, Eos#, Bas#, Neu%, Lym%, Mon%, Eos%, Bas%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR, P-LCC<br>4 research parameters: ALY#, ALY%, LIC#, LIC%<br>3 histograms for WBC, RBC and PLT<br>One 3D scattergram and three 2D scattergrams for WBC differentiation | <b>Linearity range</b>   | WBC: 0.00-300×10 <sup>9</sup> /L<br>RBC: 0.00-8.5×10 <sup>12</sup> /L<br>HGB: 0-250g/L<br>PLT: 0-3000×10 <sup>9</sup> /L<br>HCT: 0-67%                           |
| <b>Printout</b>   | External printer, compatible with multiply laser / inkjet printers, compatible with various formats and user-defined formats   | <b>Repeatability</b>     | WBC≤2%(4.0-15.0×10 <sup>9</sup> /L)<br>RBC≤1.5%(3.5-6.0×10 <sup>12</sup> /L)<br>HGB≤1.5%(110-180g/L)<br>MCV≤1%(70-120fL)<br>PLT≤4.0%(150-500×10 <sup>9</sup> /L) |
| <b>Throughput</b> | Up to 80 tests per hour  | <b>Communication</b>     | LAN port supports HL7 protocol<br>Support bi-directional LIS   |
| <b>Storage</b>    | Up to 100,000 records  | <b>Sample mode</b>       | Whole blood, capillary whole blood and pre-diluted modes   |
|                   |  | <b>Power requirement</b> | 100V-240V, 50/60Hz, ≤200VA   |
|                   |  | <b>Dimension</b>         | 650mm(W)*550mm(D)*610mm(H)   |
|                   |  | <b>Net weight</b>        | 58kg   |

*Dedication to Efficiency*



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## Fully Automatic Intelligent Technology

Visual self-tests (working status self-test and reagent volume self-detection)

Automatic test re-run, with re-run rules inside

One-button error removal and automatic standby mode function

Intelligent WBC/RBC/PLT floating threshold technology



## Excellent Data Management System

A wide range of pathological alarms and up to 20 user-defined alarm ranges

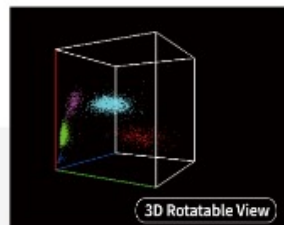
Customized templates print and help to customize the final report according to requirements

Bi-directional LIS connection

QC and calibration management



Especially for blood sample untreated over a long time



3D scattergram for accurate differentiation and pathological sample flag



Loading up to 60 samples simultaneously and supporting continuous samples loading



Up to 80 tests per hour, auto sample mixing



Multiply sample modes: whole blood, capillary whole blood and pre-diluted modes



Closed and open vial modes, emergency mode available