

# Automatic Hematology Analyzer



21 Parameters



3-Part  
Differential WBC



Internal  
Thermal Printer



High Accuracy  
& Reliability



Large  
Display Screen



## SPECIFICATIONS

<b>Principles &amp; Technologies</b>	<p><b>WBC:</b> Impedance Method</p> <p><b>RBC, PLT:</b> Sheath Flow Impedance Method</p> <p><b>HGB:</b> Colorimetric Method</p>
<b>Parameters</b>	<p><b>Whole Blood (WB) and Pre-Dilute (PD) Mode; 21 parameters</b></p> <p>WBC; LYM#; MXD#; NEUT#; LYM%; MXD%; NEUT%; RBC; HGB; HCT; MCV; MCH; MCHC; RDW-CV; RDW-SD; PLT; MPV; PDW; PCT; P-LCR; P-LCC;</p>
<b>Histogram</b>	<b>WBC (3-Part Differential), RBC, PLT</b>
<b>Throughput</b>	<p><b>Whole Blood Mode:</b> &gt;60 samples/hour</p> <p><b>Pre-Dilute Mode:</b> &gt;50 samples/hour</p>
<b>Sample Volume</b>	<p><b>WB Mode:</b> &lt;14 <math>\mu</math>L</p> <p><b>PD Mode:</b> &lt;20 <math>\mu</math>L</p>
<b>Linearity</b>	<p><b>WBC</b> 1.0-99.9 <math>10^9</math>/L</p> <p><b>RBC</b> 0.3-7.0 <math>10^{12}</math>/L</p> <p><b>HGB</b> 20 -280 g/L HCT 10-60%</p> <p><b>PLT</b> 20-999 <math>10^9</math>/L</p>
<b>Data Storage</b>	<b>50,000 complete sample results with histograms</b>
<b>Screen Type</b>	<b>10.4" LCD color touch screen</b>
<b>Quality Control</b>	<p><b>2 QC programs: L-J QC and X-Mean QC</b></p> <p><b>15 QC files</b></p>
<b>Peripheral Options</b>	<p><b>Internal Thermal Printer (include)</b></p> <p><b>Optional External Printer (not include)</b></p> <p><b>Serial Port (RS-232)</b></p> <p><b>LAN (TCP/IP)</b></p> <p><b>4 USB Ports</b></p>
<b>Reagents</b>	<p><b>HA-3D Hematology Diluent</b></p> <p><b>HA-3D Hematology Lyse</b></p>
<b>Power Source</b>	<b>100-240 V~; 50/60 Hz; 300 VA</b>
<b>Store and Shipping Conditions</b>	<b>-10-40°C; 10-90% Relative Humidity; 50-106 kPa</b>
<b>Operating Conditions</b>	<b>15-30°C; 30-85% Relative Humidity; 70-106 kPa</b>
<b>Dimensions</b>	<b>340 mm x 465 mm x 425 mm</b>
<b>Weight</b>	<b>≤ 27 kg</b>