

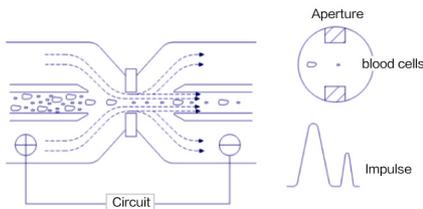


## Features

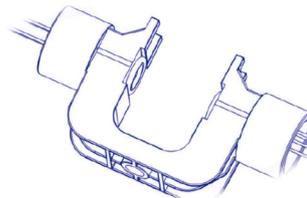
- Automatic probe cleaning
- Automatic calibration programming
- Automatic start-up and shutdown
- Auto Clog Removal
- Auto Maintenance Functions
- LIS Connectivity
- Built-in Printer
- Comprehensive Quality Control (Levey–Jennings Curve Display)
- Data Storage Capacity of at least 50,000 Results with Histogram
- USB Port for External Data Transfer and Firmware Upgrade

## Innovative Technology

- Sheath Flow Impedance Method for RBCs/PLTs counting
- LED and receiver tube fully integrated - for greater HGB stability
- Performs rapid and accurate analysis of 21 parameters



Sheath Flow Impedance Method



LED and Receiver Tube fully integrated



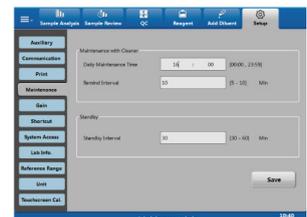
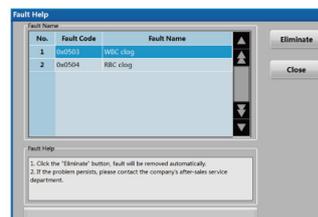
Sample Analysis

## High Accuracy and Reliability

- Proven technology for accuracy of results
- Linearity to support clinical diagnostics and monitoring

## Easy Operation and Maintenance

- Intuitive software menus
- Comprehensive QC information
- Barcoded reagent management
- One-click troubleshooting
- Daily maintenance time reminder: Convenient for daily work



## Safe and Secure

- Non-toxic, biodegradable reagent system
- Two basic reagents (diluent and lyser) for complete results

## Specifications

Principles & Technologies	WBC: Impedance Method RBC, PLT: Sheath Flow Impedance Method HGB: Colorimetric Method														
Parameters	Whole Blood (WB) and Pre-Dilute (PD) Mode; 21 parameters 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;														
Histogram	WBC (3-Part Differential), RBC, PLT														
Throughput	Whole Blood Mode: 60 samples/hour    Pre-Dilute Mode: 50 samples/hour														
Sample Volume	WB Mode: 14 µL    PD Mode: 20 µL														
Performance	<table border="0"> <tr> <td><b>Linearity</b></td> <td><b>Precision (CV%)</b></td> </tr> <tr> <td>WBC 1.0 x 10<sup>9</sup>/L~99.9 x 10<sup>9</sup>/L</td> <td>≤ 2.0% (7.0 x 10<sup>9</sup>/L~15.0 x 10<sup>9</sup>/L)</td> </tr> <tr> <td>RBC 0.3 x 10<sup>12</sup>/L~7.0 x 10<sup>12</sup>/L</td> <td>≤ 3.5% (4.0 x 10<sup>9</sup>/L~6.9 x 10<sup>9</sup>/L)</td> </tr> <tr> <td>HGB 20 g/L~280 g/L</td> <td>≤ 2.0% (3.5 x 10<sup>12</sup>/L~6.5 x 10<sup>12</sup>/L)</td> </tr> <tr> <td>PLT 20 x 10<sup>9</sup>/L~999 x 10<sup>9</sup>/L</td> <td>≤ 1.5% (100 g/L~180 g/L)</td> </tr> <tr> <td></td> <td>≤ 4.0% (150 x 10<sup>9</sup>/L~500 x 10<sup>9</sup>/L)</td> </tr> <tr> <td></td> <td>≤ 5.0% (100 x 10<sup>9</sup>/L~149 x 10<sup>9</sup>/L)</td> </tr> </table>	<b>Linearity</b>	<b>Precision (CV%)</b>	WBC 1.0 x 10 <sup>9</sup> /L~99.9 x 10 <sup>9</sup> /L	≤ 2.0% (7.0 x 10 <sup>9</sup> /L~15.0 x 10 <sup>9</sup> /L)	RBC 0.3 x 10 <sup>12</sup> /L~7.0 x 10 <sup>12</sup> /L	≤ 3.5% (4.0 x 10 <sup>9</sup> /L~6.9 x 10 <sup>9</sup> /L)	HGB 20 g/L~280 g/L	≤ 2.0% (3.5 x 10 <sup>12</sup> /L~6.5 x 10 <sup>12</sup> /L)	PLT 20 x 10 <sup>9</sup> /L~999 x 10 <sup>9</sup> /L	≤ 1.5% (100 g/L~180 g/L)		≤ 4.0% (150 x 10 <sup>9</sup> /L~500 x 10 <sup>9</sup> /L)		≤ 5.0% (100 x 10 <sup>9</sup> /L~149 x 10 <sup>9</sup> /L)
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Data Storage	50,000 complete sample results with histograms														
Screen Type	10.4" LCD color touch screen														
Quality Control	2 QC programs: L-J QC and X-Mean QC; 15 QC files														
Peripheral Options	Internal Thermal Printer (include) Optional External Printer (not include) Serial Port (RS-232) LAN (TCP/IP) 4 USB Ports														
Power Source	(100~240 V) AC; 50 Hz/60 Hz; 300 VA														
Store and Shipping Conditions	-10°C~40°C; 10%~90% Relative Humidity; 50 kPa~106 kPa														
Operating Conditions	15°C~30°C; 30%~85% Relative Humidity; 70 kPa~106 kPa														
Dimensions	340 mm*465 mm*425 mm														
Weight	≤ 25 kg														

## Ordering Information

Product Name	Catalog No.	Components	Kit Box Dimensions (L x W x H)	Carton Dimensions (L x W x H)	Number of Kits/Carton
HA-360 3-Diff Automatic Hematology Analyzer	C111-9011	1 HA-360 Analyzer 1 Quick Start Guide 1 Printer Paper Roll	1 Power Cable 1 Instruction Manual	615 x 490 x 650 mm	1
HA-360 3-Diff Automatic Hematology Analyzer (With Barcode Reader)	C111-9021	1 HA-360 Analyzer 1 Barcode Reader 1 Quick Start Guide	1 Printer Paper Roll 1 Power Cable 1 Instruction Manual	615 x 490 x 650 mm	1
3D Hematology Reagent (Cyto-Diluent)	C121-9011-101	1 Barrel (20L/Barrel)		305 x 305 x 295 mm	1
3D Hematology Reagent (Cyto-Lyser)	C121-9021-101	1 Bottle (500 mL/Bottle) 1 Package Insert	85 x 82.5 x 166 mm	463 x 270 x 208 mm	15
3D Hematology Reagent (Mi-Po Cleaner)	C121-9031-101	1 Bottle (50 mL/Bottle) 1 Package Insert	44 x 44 x 88 mm	485 x 255 x 223 mm	100
3D Hematology Control	C121-9041	1.5 mL x 3 levels (Low, Normal and High level Control)	94 x 25 x 52 mm	365 x 355 x 385 mm	18

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ACON Laboratories, Inc.  
5850 Oberlin Drive, #340, San Diego, CA 92121, USA  
Tel: 1.858.875.8000  
Fax: 1.858.200.0729  
Email: info@aconlabs.com