



Peerless

Mission[®] HA-360

Next Generation
Hematology Analyzer

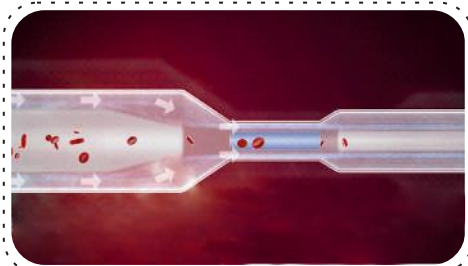
THE INNOVATIONS YOU ALWAYS WANTED!



Genuine quality speaks for itself

Mission[®] HA-360

Features
that are necessary
in next generation
Hematology Analyzer



Sheath Flow Impedance Technology

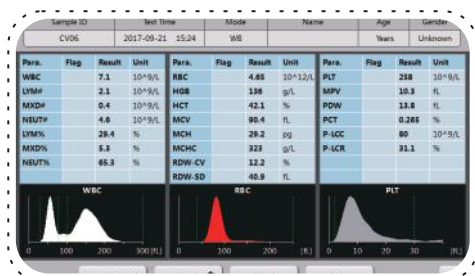
- › The diluted sample is wrapped in a sheath fluid and cells are lined-up, to pass through the centre individually
- › Improves accuracy & reproducibility and hence increased reliability of the result
- › Helpful in counting even low value platelets
- › Reduces chances of aperture blocking



Integrated Hemoglobin (Hgb) Measurement Technology:

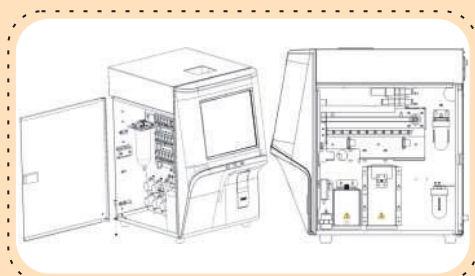
- › Fully integrated LED and receiver tube for improved stability of Hgb
- › Anti-small bubble interference algorithm for absolute accuracy of Hgb result
- › Dynamic end-point monitoring for accurate Hgb results





Special Parameters - PLCC and PLCR

- Estimates PLCC (Platelet Large Cell Concentration) and PLCR (Platelet Large Cell Ratio) from PLT histogram
- Offering more information than just a platelet count
- Extremely helpful in screening thrombocytopenia



Superior Modular Design

- Segmented modular design avoids any interference from each other
 - Aperture and reading segment
 - Liquid handling segment
 - Electronic circuit segment
- Intelligent alarm system
- An absolute safety for the analyzer

INNOVATIVE TECHNOLOGY

High Accuracy and Reliability

- State-of-the-art technology ensures absolute accuracy of results
- Whole Blood (WB) mode as well as Pre-dilute (PD) mode for low sample volume
- Automatic burning and recoil function ensures no clogging
- Intelligent flagging system
- Superior maintenance free Dosing pumps, Air pumps and Syringe pumps
- Designed suitably for Indian conditions avoids impact of dusts, rodents etc. which can cause interference in result of analyzer

User Friendly Design and Easy Operation

- A powerful and versatile software with ease in operation
- Large 10.4" LCD colour touch screen with facility to attach external mouse and key board
- On-line reagent inventory management
- On-board graphic printer with facility to attach external printer
- Different users access level in case of multiple users
- Complete usage statistics for better understanding of tests performed

Intelligent Maintenance System

- Intelligent alarm system for insufficient reagents
- Intelligent alarm system for any error during tests performance reports the validated results
- Automatic fault detection and fault elimination technology

Safe & Secure

- Two reagents system (diluent & lyse) for complete results
- Non-toxic & biodegradable reagent system

Specifications

Principles & Technologies	WBC : Impedance Method RBC, PLT : Sheath Flow Impedance Method HGB : Colorimetric Method
Parameters	Whole Blood (WB) and Pre-dilute (PD) Modes; 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 (WB) Mode : 60 samples / hour Pre-dilute (PD) Mode : 50 samples / hour
Sample Volume	Whole Blood (WB) Mode : 14 μ L Pre-dilute (PD) Mode : 20 μ L
Performance	Linearity WBC : $1.0 \times 10^9/L \sim 99.9 \times 10^9/L$ RBC : $0.3 \times 10^{12}/L \sim 7.0 \times 10^{12}/L$ HGB : 20 g/L $\sim$ 280 g/L HCT : 20% $\sim$ 60% PLT : $20 \times 10^9/L \sim 999 \times 10^9/L$
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 Optional External Printer Serial Port (RS-232) LAN (TCP/IP) 4 USB Ports
Reagents	HA - 3D Hematology Diluent HA - 3D Hematology Lyse
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 x 465 x 425 mm
Weight	27 kg



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Marketed by:



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