



Peerless



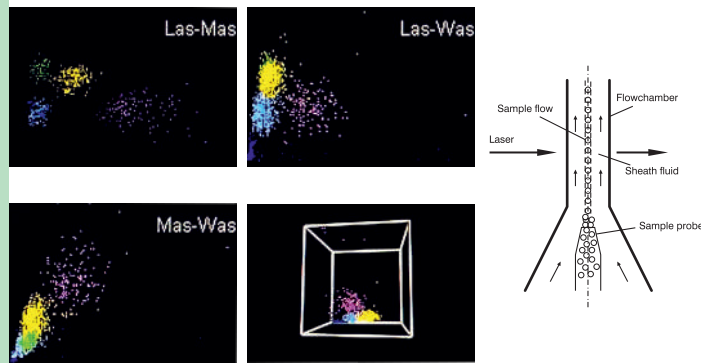
AutoLab[®] HA-560

Auto Hematology Analyzer

- Simple & effective design
- Ingenious technology with intuitive software
- Special parameters PLCC, PLCR, ALY & IG

Genuine quality speaks for itself

INGENIOUS TECHNOLOGY



- Unique Triangle Laser (Low Angle, Mid Angle & Wide Angle) Scattering ensures absolute accuracy
- 3D scattergram display for detailed projection of cell count and differentiation
- Additional special parameters & flagging of clinical conditions offering more flexibility

SPECIAL PARAMETERS



The process redefined features of AutoLab HA560 help in detecting conditions related to

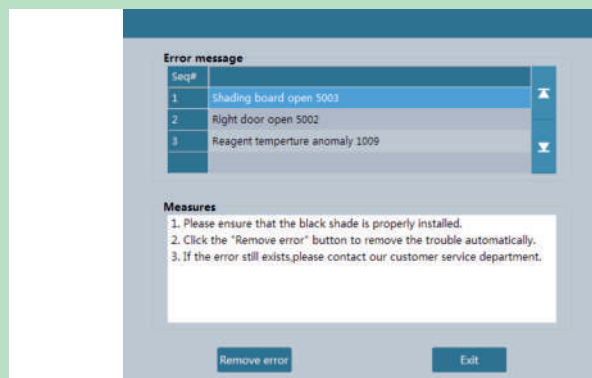
- PLCC (Platelet Large Cell Concentration) & PLCR (Platelet Large Cell Ratio), An indicator of microcytic RBC or clumped platelets indicating possible thrombosis
- A typical Lymphocytes (ALY # & ALY%) includes reactive lymphocytes. A typical lymphocytes is definite when 20% or more of the mononuclear cells are Atypical helping user for further diagnosis
- Automated reportable Immature Granulocytes (IG# & IG%) with every automated differential reduces manual review rates

INTUITIVE SOFTWARE



- Intelligent flagging system for abnormal samples
- Automatic monitoring of reagent status
- Effective QC management system for enhanced performance
- Dual mode: CBC+DIFF & CBC

SIMPLE & EFFECTIVE DESIGN



- Status indicator
- Intelligent Alarm System
- Easy user interface
- Robust hardware

EFFECTIVE FEATURES ALL YOU NEED IN A 5 PART DIFFERENTIAL

AutoLab[®] HA-560 Auto Hematology Analyzer



High Accuracy & Reliability

- Ingenious technology ensures absolute accuracy of results
- Whole Blood (WB) mode as well as Pre-dilute (PD) mode for low sample volume for CBC+DIFF / CBC
- 3 Histogram, 2D-Differential Scattergram (LAS, MAS, WAS) and 3D-Scattergram for WBC Differentials
- Reagent monitoring system

User Friendly Design and Easy Operation

- A versatile and powerful software with ease in operation
- Large 10.4" LCD colour touch screen with facility to attach external mouse and keyboard
- On-board graphic printer with a facility to attach external printer, optional bidirectional LIS facility
- Complete usage statistics for better understanding of tests performed

Smart Maintenance System

- Alarm system for insufficient of reagents
- Indication of any error during operation
- Automatic fault detection helps in taking corrective action by eliminating the errors

Safe & Secure

- Three reagents system (Diluent, Lyse-H, Lyse-D) for complete results
- Effective Probe cleaner for maintenance
- Non-toxic & biodegradable reagent system

SPECIFICATIONS

Principles & Technologies	Laser Scattering for WBC Differentials Electrical Impedance for WBC, RBC & PLT Colorimetry for HGB
Parameters	29 Parameters including 4 research parameters WBC, BAS#, BAS%, NEU#, NEU%, EOS#, EOS%, LYM#, LYM%, MON#, MON%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, PLCR, PLCC ALY#, ALY%, IG#, IG%
Histogram & Scattergram	3 Histogram: WBC, RBC, PLT 2D DIFF Scattergram (LAS, WAS, MAS) and 3D Scattergram for WBC Differentials
Throughput	60 samples / hour
Sample Volume	Whole Blood (WB): 15µl (CBC+DFF/ CBC) Pre-diluted (PD): 20µl (CBC+DFF/ CBC)
Sample Type	Whole Blood, Peripheral Whole Blood & Pre-diluted Blood
Testing Mode	CBC+DIFF & CBC
Performance	Linearity WB: 0 - 500 X 10 ⁹ / L RBC: 0 - 8 X 10 ¹² / L HGB: 0 - 250 g/L PLT: 0 - 5000 X 10 ⁹ / L
Data Storage	1,00,000 results
Display	Integrated windows system with 10.4" colour touch screen display
QC Program	LJ
Peripheral Options	Internal Thermal Printer Optional External Printer 4 USB Ports LAN
Reagents for Operation	RD - 50 Diluent RL - 50D Lyse RL - 50H Lyse
Operating Conditions	10 - 30°C, humidity < 85%
Power Source	110V - 240V, 50Hz - 60Hz, 400VA
Dimensions	365 mm x 470 mm x 525 mm
Weight	35 Kg

Imported & Marketed by:



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