

HM-3

Auto Hematology Analyzer

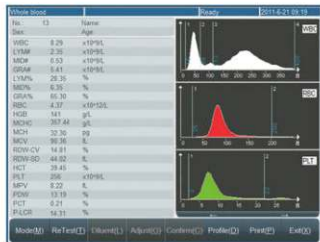


Features

- 20 parameters+3 histograms
- 3-part differentiation of WBC
- 2 counting modes: whole blood and prediluted
- 60 samples per hour
- 10.4" TFT colorful LCD with touch screen
- Built-in thermal printer, optional external printer
- External AC adapter avoids electronic noises, enhancing accuracy
- Up to 50000 sample results (including histograms) can be stored
- Multi-language software available on request
- Original factory's blood control and calibrator

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Auto Hematology Analyzer



Sample Test



Auto Calibration Setting

Auto Calibration Setting interface showing fields for Sample Type, Targets, and Items.

Manual Calibration interface showing a table of calibration parameters.

Item	Default	Current	Unit	Calb Date
WBC	100 %	100.00	%	2012-05-14
RBC	100 %	100.00	%	2012-05-14
HGB	100 %	100.00	%	2012-05-14
MCV	100 %	100.00	%	2012-05-14
RDW-CV	100 %	100.00	%	2012-05-14
RDW-SD	100 %	100.00	%	2012-05-14
PLT	100 %	100.00	%	2012-05-14
MPV	100 %	100.00	%	2012-05-14
PDW	100 %	100.00	%	2012-05-14
P-LCR	100 %	100.00	%	2012-05-14

Manual Calibration

L-J QC Setting

L-J QC Setting interface showing a table of quality control parameters.

Item	Targets	Limits	
WBC	$\times 10^9/L$	MCH	pg
LYM#	$\times 10^9/L$	MCV	fL
MCH	$\times 10^9/L$	RDW-CV	%
GRA#	$\times 10^9/L$	RDW-SD	fL
LYM%	%	HCT	%
MID%	%	PLT	$\times 10^9/L$
GRA%	%	MPV	fL
HGB	g/L	PDW	%
RBC	$\times 10^{12}/L$	PCT	%
MCHC	g/L	P-LCR	%

Profile interface showing fields for Sample No., Name, Sex, Age, Sample Type, Medical No., Department, Inspector, and User No.

Profile

Technical Specifications

Parameters	WBC, LYM#, MID#, GRA#, LYM%, MID%, GRA%, RBC, HGB, MCHC, MCH, MCV, RDW-CV, RDW-SD, HCT, PLT, MPV, PDW, PCT, P-LCR and Histograms for WBC, RBC and PLT
Principle	Electrical resistance for counting WBC, RBC and PLT
Sample Volume	Prediluted: 20 μ L; Whole Blood: 9.8 μ L
Throughput	60 samples per hour
Display	10.4" TFT color LCD with touch screen
Alarms	Error messages
Input/Output	RS-232, USB, LAN, keyboard and mouse interface
Printout	Thermal printer, 55mm width paper, various printout formats, external printer optional
Operating Environment	Temperature: 15 $^{\circ}$ C~35 $^{\circ}$ C; Humidity: \leq 80%
Power Requirement	AC 110V-220V, 50/60Hz
Dimension L×W×H (mm)	436×363×367
Weight	18Kg

