



MANUFACTURE STANDARD, MANUFACTURE RELIANCE

# RT-**7600**

*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 nosies, 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



# RT-7600

## Auto Hematology Analyzer



Auto Calibration Setting

Auto Calibration Setting

Target	WBC	RBC	PLT	MCV	RDW-CV
WBC	40000	4000000	400000	80	7%
RBC	4000000	400000000	4000000	80	7%
PLT	4000000	400000000	4000000	80	7%
MCV	80	80	80	80	7%
RDW-CV	7%	7%	7%	7%	7%
RDW-SD	10%	10%	10%	10%	10%
MPV	80	80	80	80	7%
PDW	100	100	100	100	7%
P-LCR	100	100	100	100	7%
HCT	40	40	40	40	7%

Manual Calibration

Manual Calibration

Item	Default	Current val.	Cal Date	Name	Default	Current val.	Cal Date
WBC	100.0%	100.0%	2012-06-14	RDW-SD	100.0%	100.0%	2012-06-14
RBC	100.0%	100.0%	2012-06-14	PLT	100.0%	100.0%	2012-06-14
HGB	100.0%	100.0%	2012-06-14	MPV	100.0%	100.0%	2012-06-14
MCV	100.0%	100.0%	2012-06-14	PDW	100.0%	100.0%	2012-06-14
RDW-CV	100.0%	100.0%	2012-06-14	P-LCR	100.0%	100.0%	2012-06-14
RDW-SD	100.0%	100.0%	2012-06-14	HCT	100.0%	100.0%	2012-06-14

L-J QC Setting

L-J QC Setting

ITEM	Target	Limit	ITEM	Target	Limit
WBC	40000	35000-45000	RDW	10.0	9.0-11.0
LYM	4000	3500-4500	MOH	80	70-90
RDW-CV	7.0	6.0-8.0	RDW-SD	10.0	8.0-12.0
RDW-SD	10.0	8.0-12.0	RDW-HI	10.0	8.0-12.0
PLT	400000	350000-450000	HCT	40.0	35.0-45.0
MPV	80	70-90	PCT	0.1	0.0-0.2
PDW	100	90-110	P-LCR	10.0	8.0-12.0
MCH	36.4	34.0-38.8	HGB	137	128-146
MCHC	10.0	9.0-11.0	RDW	10.0	9.0-11.0

Profile

Profile

Sample No.	Lab	Name
Ser	Age	
Sample Type	Whole Blood	Reference: General
Measure No.	Test No:	
Department	Assay:	
Inspectors	Verifier:	



### 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:20µL; Whole Blood:9.8µL
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°C~35°C; Humidity: ≤80%
Power Requirement	AC 110V-220V, 50/60Hz
Dimension L×W×H (mm)	436×363×367
Weight	18Kg