

BS-7506 Auto Hematology Analyzer

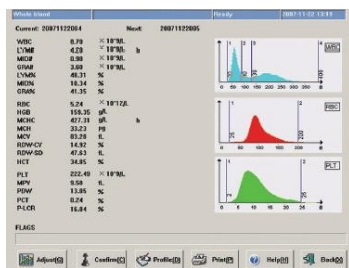


Features:

1. 3-part differentiation of WBC; 20 parameters + 3 histograms.
2. Throughput: 60 tests per hour.
3. 3 counting mode: whole blood, peripheral blood and pre-diluted.
4. Sample volume: whole blood 9.8 ul, pre-diluted 20 ul.
5. 10.4" TFT color LCD with touch screen.
6. Up to 50000 sample results (including histograms) can be stored.
7. Built-out AC power adapter.
8. Built-in thermal recorder, support external printer.
9. Three QC modes: L-J QC, X-B QC and X-R QC, all with QC chart, west-guard rules.
10. Windows operating system, Multilanguage software available on request.

L-J QC setting

Control No.	Target	Limit	Mean	Target	Limit
QC 1	115.0	110.0-120.0	115.0	115.0	110.0-120.0
QC 2	12.0	11.0-13.0	12.0	12.0	11.0-13.0
QC 3	0.38	0.35-0.41	0.38	0.38	0.35-0.41
QC 4	0.15	0.13-0.17	0.15	0.15	0.13-0.17
QC 5	0.12	0.10-0.14	0.12	0.12	0.10-0.14
QC 6	0.10	0.08-0.12	0.10	0.10	0.08-0.12
QC 7	0.08	0.06-0.10	0.08	0.08	0.06-0.10
QC 8	0.06	0.04-0.08	0.06	0.06	0.04-0.08
QC 9	0.04	0.02-0.06	0.04	0.04	0.02-0.06
QC 10	0.02	0.01-0.03	0.02	0.02	0.01-0.03
QC 11	0.01	0.00-0.02	0.01	0.01	0.00-0.02
QC 12	0.01	0.00-0.02	0.01	0.01	0.00-0.02
QC 13	0.01	0.00-0.02	0.01	0.01	0.00-0.02
QC 14	0.01	0.00-0.02	0.01	0.01	0.00-0.02
QC 15	0.01	0.00-0.02	0.01	0.01	0.00-0.02
QC 16	0.01	0.00-0.02	0.01	0.01	0.00-0.02
QC 17	0.01	0.00-0.02	0.01	0.01	0.00-0.02
QC 18	0.01	0.00-0.02	0.01	0.01	0.00-0.02
QC 19	0.01	0.00-0.02	0.01	0.01	0.00-0.02
QC 20	0.01	0.00-0.02	0.01	0.01	0.00-0.02



Sample Test

Item	Default	Current	Calib.Date	Item	Default	Current	Calib.Date
WBC	1.00	1.00	2007-10-31	MCN	1.00	1.00	2007-10-31
LYM#	1.00	1.00	2007-10-31	MCV	1.00	1.00	2007-10-31
MDM	1.00	1.00	2007-10-31	RDW-CV	1.00	1.00	2007-10-31
GRW#	1.00	1.00	2007-10-31	RDW-SD	1.00	1.00	2007-10-31
LYM%	1.00	1.00	2007-10-31	HCT	1.00	1.00	2007-10-31
MDM%	1.00	1.00	2007-10-31	PLT	1.00	1.00	2007-10-31
GRW%	1.00	1.00	2007-10-31	MPV	1.00	1.00	2007-10-31
RBC	1.00	1.00	2007-10-31	PDW	1.00	1.00	2007-10-31
HGB	1.00	1.00	2007-10-31	PCT	1.00	1.00	2007-10-31
MCHC	1.00	1.00	2007-10-31	PLCR	1.00	1.00	2007-10-31

Manual calibration

Sample No.	20071122004	Name	Jack
Sex	Male		
Age	34 Years 0 Months 0 Days		
Blood Type	Whole blood	Reference	General
Medical No.		Bed No.	
Department		Sender	
Analyst		Checker	

Profile

Auto calibration Setting

Item	Default	Current	Calib.Date	Item	Default	Current	Calib.Date
WBC	0.30	0.30	2007-10-31	MCN	0.30	0.30	2007-10-31
LYM#	0.30	0.30	2007-10-31	MCV	0.30	0.30	2007-10-31
MDM	0.30	0.30	2007-10-31	RDW-CV	0.30	0.30	2007-10-31
GRW#	0.30	0.30	2007-10-31	RDW-SD	0.30	0.30	2007-10-31
LYM%	0.30	0.30	2007-10-31	HCT	0.30	0.30	2007-10-31
MDM%	0.30	0.30	2007-10-31	PLT	0.30	0.30	2007-10-31
GRW%	0.30	0.30	2007-10-31	MPV	0.30	0.30	2007-10-31
RBC	0.30	0.30	2007-10-31	PDW	0.30	0.30	2007-10-31
HGB	0.30	0.30	2007-10-31	PCT	0.30	0.30	2007-10-31
MCHC	0.30	0.30	2007-10-31	PLCR	0.30	0.30	2007-10-31

>Technical Specifications:

Principle	Electrical resistance for counting WBC, RBC and PLT
Aperture Diameter	WBC:80μm; RBC:50μm
Poser requirement	AC 100-240V, 50/60±1Hz
Input/Output	RS-232,USB,LAN keyboard and mouse interface
Operating Environment	Temperature:15° C~35°C Humidity:10%-90%
Dimension L*W*H(mm)	436*363*367
Sample Volume	Prediluted:20μL; Whole Blood:9.8μL
Throughput	60 samples per hour
Alarms	Error messages
Printout	Thermal recorder,55mm width paper, various printout formats, external printer optional
Display	Large color LCD with touch screen Resolution: 800*600
Weight	18KG
Parameters	WBC,LYM#,MON#,GRA#,LYM%,MON%,GRA%,RBC,HGB,MCHC,MCH,MCV,RDW-CV,RDW-SD,HCT,PLT,MPV,PDW,PCT,P-LCR and Histograms for WBC,RBC and PLT