

Technical Specifications:

Parameters

WBC, Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT and Histograms for WBC, RBC, PLT

Menu

Principles

Electrical impedance method for cell counting and cyanide free method for hemoglobin

Performance

Parameter	Linearity	Precision(CV%)
WBC($10^9/L$)	0.0~100.0	3.0 (7.0~15.0)
RBC($10^{12}/L$)	0.00~9.99	3.0 (3.00~6.50)
HGB(g/L)	0~300	2.0 (100~180)
MCV(fL)		1.0 (70.0~110.0)
PLT($10^9/L$)	0~1000	5.0 (200~500)

Sample Volume

Prediluted	20 μ L
Whole blood	20 μ L

Aperture Diameter

WBC/RBC	80 μ m
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Throughput

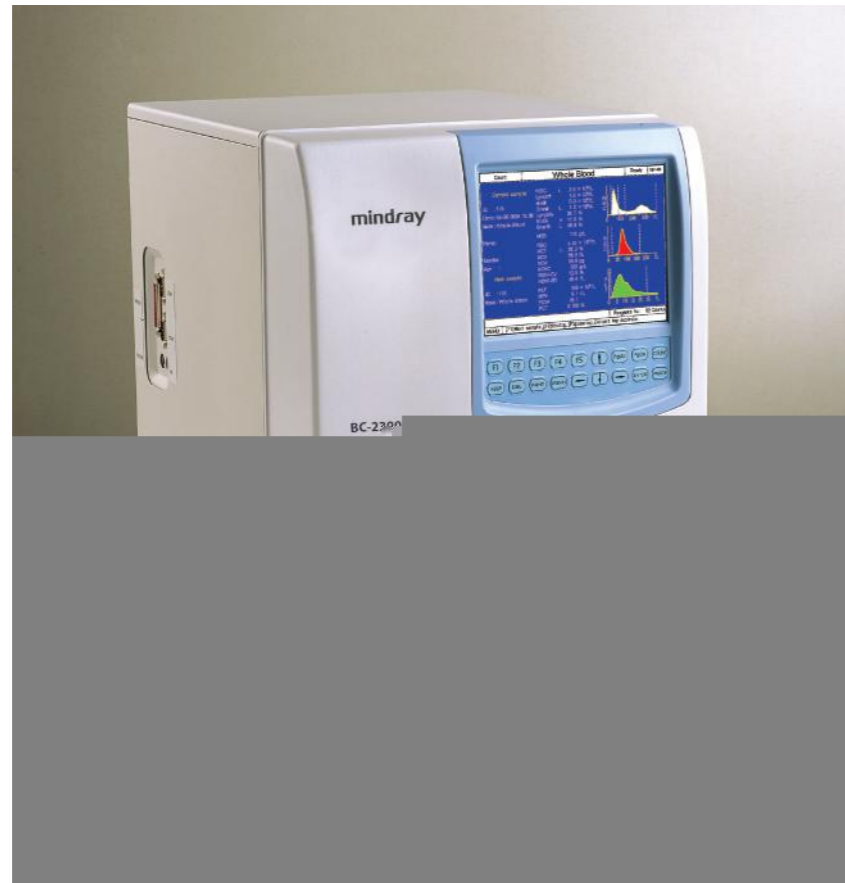
30 samples per hour

Display

Color LCD display
Resolution: 800 x 600

BC-2300

Hematology Analyzer

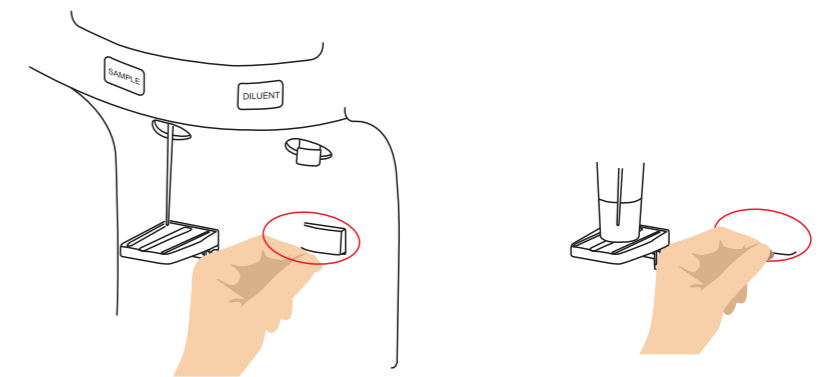


- Compact sized and cost effective
- 3-part differentiation of WBC, 19 parameters + 3 histograms
- 2 counting modes: Whole blood and prediluted
- Throughput: 30 samples per hour
- Automatic clog removal and recount function
- Up to 20,000 patient results (including histograms) can be stored
- Built in diluter and thermal recorder
- Color LCD display

One step manual, a big cost can be saved.



BC-2300 Easy operation procedure



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Count	Whole Blood	Ready	18:48
Current sample	WBC 4.28 × 10 ⁹ /L		
	Lympho 2.8 × 10 ⁹ /L		
	Mono 0.2 × 10 ⁹ /L		
	Neutro 1.28 × 10 ⁹ /L		
RD - 118	RDW-CV 11.5 %		
Time 24:36 20/04 16:00	Leuko 26.7 %		
Prep Whole Blood	MCH 31.3 pg		
	MCHC 32.9 g/dL		
	RDW-SD 14.0 pg		
Name	HGB 4.01 × 10 ² g/L		
	HCT 30.0 %		
Gender	MCV 88.3 fL		
Age	MCH 28.3 pg		
	MCHC 32.2 g/dL		
Neut outside	RBC-FLV 27.3 %		
	RDW-SD 44.4 fL		
RD - 118	PLT 160 × 10 ⁹ /L		
Prep Whole Blood	MPV 2.1 fL		
	PCV 31.1 %		
	PCT 0.103 %		
	Reagents for: WB Counts		
	MENU [F1]Next sample [F2]Unflag [F3]Starup [F4]Quit Key Asst:Rate		

Semi-automated

Manual pre-dilution, saved a big cost

Cost effective

Competitive instrument price combined with effective cost per test