



Fully Auto Bloodcell Counter



Features

- 20 results and 3 color histograms (WBC, RBC, PLT) display with three mode of Venous, Capillary, Prediluted and detect parameter as follows: WBC, LYM#, MID#, GRAN#, LYM%, MID%, GRAN% RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDWCV, PLT, MPV, PDW, PCT, P-LCR
- Color Windows interface, figure button, mouse input
- High pressure burn with monitor in rear time, recoil flush technology
- Low blood sample volume with 9.6 μ L, high precision microanalysis
- Double convolution and intelligent combine technology
- Automatically clearing sampling probe(inside and outside)
- Intelligent auto detection and maintenance program
- Intelligent float ruler, manual calibration
- Automatic reagent residual alarm, all closed reagent tubing
- 8 references, manual and auto setting
- Adjustable - probe, optional sample container
- Auto sleeping and wake up function

Technical Specifications :

Principle: Electrical resistance method for counting, SFT method for hemoglobin		
Parameter: 3-part differentiation of WBC, 20 parameters and 3 color histograms (WBC, RBC, PLT)		
Sample volume:	Venous mode:	9.6 µL Venous
	Capillary mode:	9.6 µL Capillary
	Prediluted mode:	20 µL Capillary
Working mode: double counting pathway + independent HGB detection system		
Operation mode: Color Windows interface, figure button, mouse input		
Dimension of gem aperture: WBC: 100 µm RBC/PLT: 80 µm		
Throughput: more than 60 samples per hour, 24 hour running continuous, auto sleeping and wake up		
Storage: Up to 35000 sample results including histograms can be stored		
QC mode: L-J, X, SD, CV		
Calibration mode: 3 manual calibration and auto calibration		
Cross pollution ratio: WBC, RBC, HGB < 0.5%, PLT < 1%		
Specification:	CV	Linearity range
	WBC ≤ 2.5%(7.0-15.0)	0.01-99.9x10 ⁹ /L
	RBC ≤ 2.0%(3.50-6.00)	0.01-9.99x10 ¹⁰ /L
	HGB ≤ 1.5%(110-180)	1-300g/L
	MCV ≤ 0.4%(80.0-110.0)	40-150fL
	PLT ≤ 5.0%(200-500)	1-999x10 ⁹ /L
Display: Large color LCD display with 10.4 inch, resolution: 640 x 480 dot		
Interface: 1 parallel interface, 2 USB interfaces, 2 PS/2 interfaces, 2 RS232 interfaces (with net), 1 VGA interface		
Report: Built-in rapid thermal recorder, optional external printer, 8 report formats,		
Structure: fan-door structure, flexible and easy to use		
Ambient Operating: Temperature: 10°C-35°C Humidity: 10%-90%		
Power supply: AC100-240V~ 50/60HZ		



Since R&D is a continuous process features & specifications subject to change without notice.



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Certifications: ISO 9001:2000, EN ISO 13485:2003

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