

Technical Specifications

System Function			
Principles	Impedance method for WBC, RBC and PLT counting Cyanide free reagent for hemoglobin test		
Parameters	21 Parameters: WBC, Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC. 3 Histograms (RBC, WBC and PLT) 2 Research Parameter : (NLR, PLR)		
Sample Volume	Predilute mode / Capillary mode ≤ 20 μL Whole blood mode ≤ 9 μL		
Performance			
Parameters	Linearity Range	Precision (CV%)	Carryover
WBC (10 ⁹ /L)	0-300	≤3.5% (4.0-6.9)	≤0.5%
		≤2.0% (7.0-15.0)	
RBC (10 ¹² /L)	0-8.00	≤1.5% (3.50-6.5)	≤0.5%
HGB (g/L)	0-280	≤1.5% (100-180)	≤0.5%
MCV (fL)		≤0.5% (70.0-110.0)	≤0.5%
PLT (10 ⁹ /L)	0-4000	≤5.0% (100-149)	≤1.0%
		≤4.0% (150-500)	
Throughput	60 Samples/Hour		
Display	10.4 inch TFT color touch screen		
Data Storage Capacity	Upto 2,00,000 including numeric & graphical information		
Communication	LAN port Support HL7 protocol Supports LIS		
Interface	4 USB ports to connect the keyboard,mouse, printer, barcode scanner, LAN port		
Printout	Thermal Printer, 50mm wide paper, various printout formats		
	External printer optional		
Power Requirements	Voltage (100V-240V~) ±10%		
	Input power ≤180VA		
	Frequency (50/60Hz)±1Hz		
Normal Operation Environment	Operating humidity: 10% ~ 90%		
	Atmospheric pressure: 70.0kPa ~ 106.0kPa		
Dimensions	400(H)*300(W)*410(D) & Weight ≤ 20 kg		

ISO 9001:2015
EN ISO 13485:2016



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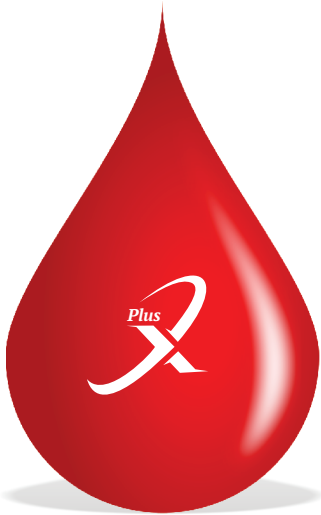
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ADL/BR/COUNTX-/R01-01/23 Company reserves the right to change any design and technical features of the product at any time, If needed.



MISPAcountX
Auto Hematology Analyzer

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GET MORE PERFORMANCE AND PRECISE RESULTS FOR LESS

Mispa CountX Plus, with advanced detailed flag information provides warning in case of abnormal cell results. High quality barcoded reagents, calibrators and controls maintain integrity of your test results. The compact user friendly system facilitates efficient analysis to fulfill your clinical needs.

Small footprint can be accommodated virtually anywhere
Robust design ensures instrument uptime
Simplify your workflow, one step sampling

COMPACT
&
RELIABLE



PERFORMANCE
WITHOUT
COMPROMISE

- ▶ CBC + 3-DIFF, 21 Parameters + 3 Histograms (RBC, WBC and PLT)
2 Research Parameter (NLR*, PLR**)
- ▶ Throughput : up to 60 samples per hour
- ▶ 10.4 inch TFT touch screen
- ▶ Only 2 operational reagents and probe cleaner needed
- ▶ Large storage capacity upto 2,00,000 samples
- ▶ Sample volume is only 9µL which is ideal for pediatrics

*NLR: NEUTROPHIL-TO-LYMPHOCYTE RATIO CAN BE USED AS A BIOMARKER FOR THE ASSESSMENT OF INFLAMMATORY RESPONSE AND DISEASE ACTIVITY.

SMART MAINTENANCE

- ONE TOUCH TO REMOVE ERRORS
- ZAP & FLASH CLEANING TO REMOVE THE CLOG
- DEDICATED WBC & RBC BATH ENSURES MINIMAL REAGENT CONSUMPTION
- BATH WITH PREHEATING FACILITY TO ENSURE PROPER CLEANING OF APERTURE



ORDERING INFORMATION			
Product Code	Product Group	Product Name	Pack Size
54040003	CountX Plus	Diluent (DX3) Plus	1 x 20 L
54003009	CountX Plus	Lyse (LX3) Plus	1 x 500 mL
54004001	CountX Plus	Probe Cleaner	4 x 50 mL



**PLR: PLATELET TO LYMPHOCYTE RATIO IS AN INFLAMMATORY MARKER TO PREDICT THE SEVERITY OF DISEASE AND PROGNOSIS.