

# 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, 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	Prediluted mode ≤20µL   Whole blood mode ≤9µL		
Performance			
Parameters	Linearity Range	Precision (CV%)	Carryover
WBC (109/L)	0-300	≤3.5% (4.0-6.9)	≤0.5%
		≤2.0% (7.0-15.0)	
RBC (1012/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 (109/L)	0-4000	≤5.0% (100-149)	≤1.0%
		≤4.0% (150-500)	
Throughput	60 Samples/Hour		
Display	10 inch TFT color touch screen		
Multi-Language	English,Chinese,French,Spanish,Russian,Turkish		
Data Storage Capacity	Upto 300,000 including numeric & graphical information		
Communication	LAN port Support HL7 protocol		
	Supports bi-directional LIS		
Interface	4 USB ports to connect the keyboard,mouse, printer, barcode		
	scanner, recorder, WiFi wireless network card, LAN port (1)		
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: 20% ~ 85%		
	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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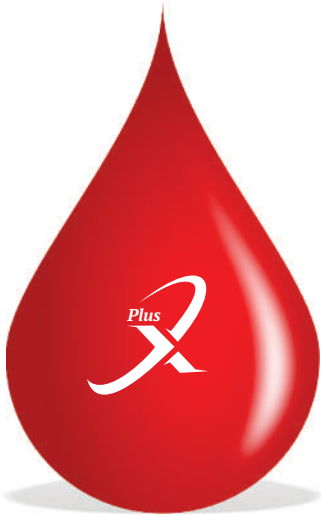
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ADL/BR/COUNTX-/R00-04/22 Company reserves the right to change any design and technical features of the product at any time, If needed.



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Mispa CountX Plus, with advanced detailed flag information provides warning in case of abnormal cell results. Original 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.

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## 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.

## ONE TOUCH TO REMOVE ERRORS

## ZAP & FLASH CLEANING TO REMOVE THE CLOG

## DEDICATED WBC & RBC BATH ENSURES MINIMAL REAGENT CONSUMPTION

## PREHEAT BATH 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.**