

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 (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 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



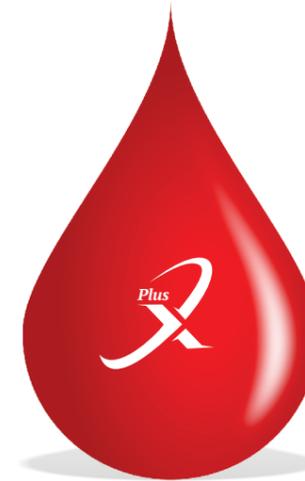
Toll Free No: 1800 425 7151

AGAPPE DIAGNOSTICS LTD.

"Agappe Hills", Pattimattom (PO), Dist. Ernakulam, Kerala - 683 562, India.
TEL: + 91 484 2867000 | productcorp@agappe.in | www.agappe.com

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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.

MISPAcount Plus
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. 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.

Small footprint can be accommodated virtually anywhere
Robust design helps ensure 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

SMART MAINTENANCE

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

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

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