

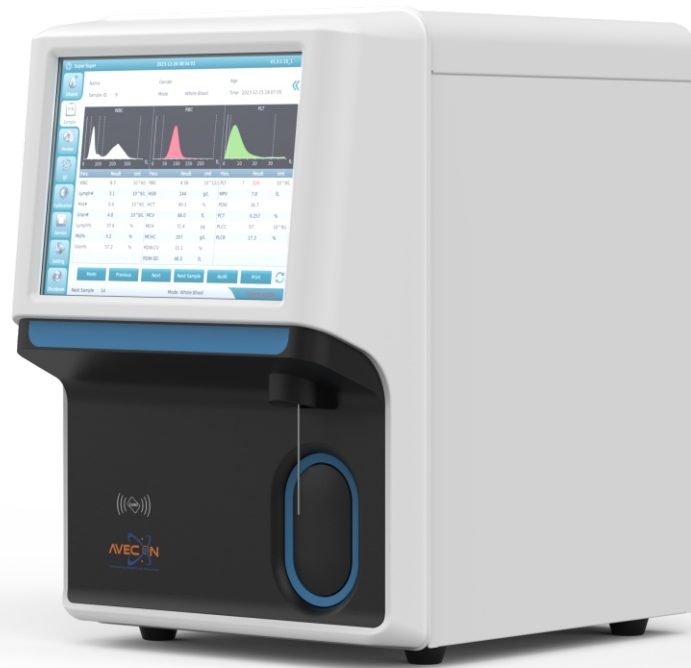
MaxCOUNT 3 Part Hematology Analyzer



(A new generation 3-diff hematology analyzer)

General Feature

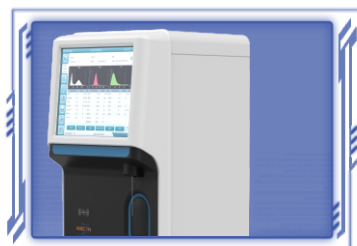
- 21 parameters with P_LCC, P_LCR and RBC, WBC, PLT histograms
- Throughput up to 60 samples per hour with double chamber design
- Impedance method for WBC, RBC and PLT
- Photoelectric colorimetry method for HGB with cyanide free reagent
- Micro sample volume at 9 μ l for whole blood mode and 20 μ l for pre-dilute mode
- On board storage capacity of 500000 samples results
- Two kinds of QC modes: L-J, and X-B
- Support USB data backup & system upgrade
- Built-in thermal printer
- LIS and HIS available with HL7 protocol



HMT-60P
MaxCOUNT 3 Part Hematology Analyzer

- ✓ Constant 60 Samples/hour
- ✓ 21 Parameters & 3 Histograms
- ✓ 2 Reagent System Diluent & Lyse

Hematology



Easy to use

10.4 inch color display screen with touch panel
Working status indicator light
Mouse and keyboard connection by USB
Internal storage of lyse
Throughput up to 60 samples/hour with whole blood mode

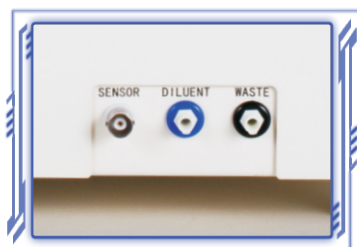
Precision

Parameter	"CV (Whole Blood)"	"CV (Pre-diluent)"
WBC	≤2% ≤2.5%	≤4%
RBC	≤1.5%	≤3%
HGB	≤1.5%	≤3%
PLT	≤5% ≤4%	≤10% ≤8.0
MCV	≤0.5%	≤2.0



Accurate and Precise Results

Proven impedance measurement technology
Auto internal & external cleaning for aspiration probe
High precision syringes
Internal preheating for diluent for every test
Accurate and Precise Results: WBC 100µm,



Cost-effective

Tidy fluid system with low reagent consumption
Only 2 reagents for sample testing
Large storage capacity, 500,000 results



Low and Easy Maintenance

Special self-checking function during initialization
Auto clog removing by aperture cauterizing and flushing
Error messages
Openable front panel and side door



Nearly Perfect Software Function

Friendly interface and illustrate icons
On board storage up to 500,000
L-J and X-B QC methods
Support LIS and HL7 Protocol



Professional Technical Support

24 x 7 around-the-clock response
Entire life cycle service solution
Door-to-door service for complicated

Performance & Specification

Technical Specification

Parameters WBC, LYM#, MID#, GRAN#, LYM%, MID%, GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC, 3-part differentiation of WBC, 21 parameters, histograms and alarm for abnormal Erythrocytes, Leukocytes and platelet.

Principles: WBC/RBC/PLT: Electrical impedance
HGB: Photoelectric colorimetry

Aspiration Volume: Whole blood 9 µl, pre-diluted 20 µl

Aperture Diameter: WBC 100 µm, RBC/PLT 70 µm

Throughput: 60 samples per hour

Data Storage : 500,000 sample results with histograms

Alarms: Error messages

Dilution Ratio:	Whole blood	Capillary blood
WBC/HGB	1:298.8	1:298.8
RBC/PLT	1:31493.4	1:31493.4

Display: 10.4-inch resolution 800 x 600, touch screen

Control and Calibration L-J, X-B two our control modes, manual and auto-calibration

Input/output: 4 USB ports & Bi-directional LIS connections, (mouse, keyboard, USB printer, and USB disk), Internal 57mm thermal printer

Power: AC 100-240V, 50/60Hz, < 150V AC

Operating environment Temp. : 10°C ~ 35°C, Relative humidity : 20% ~ 85%

Dimension & Weight: 420mm (L), x 295mm (W) x 430mm (H), about < 28kg



Hematology Analyzer

a new generation 3-diff hematology analyzer with 21 parameters and 3 histograms. It is designed for laboratories with low-volume workload yet it is capable of serving medium or large laboratories as a back-up. This MaxCOUNT 3 Part Hematology Analyzer can deliver you confident results and maximize your workflow efficiency via its intuitive software interface, simplified hydraulic design and quality hardware module.

Marketed in India by :

 **AVECON Healthcare Pvt. Ltd.**
Transforming Research into Innovations

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