

MaxCOUNT Automated Hematology Analyzer



(A new generation 3-diff hematology analyzer)

General Feature

- 22 parameters with P_LCC, P_LCR and RBC, WBC, PLT histograms
- Throughput up to 70 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 8.5 μ l for whole blood mode and 20 μ l for pre-dilute mode
- On board storage capacity of 100000 samples results
- Four kinds of QC modes: L-J, X, X-R and X-B
- Support USB data backup & system upgrade
- Built-in thermal printer
- LIS and HIS available with HL7 protocol



MaxCOUNT HMT-70P
3 Part Automated Hematology Analyzer

- ✓ **Constant 70 Samples/hour**
- ✓ **22 Parameters & 3 Histograms**
- ✓ **2 Reagent System Diluent & Lyse**

Hematology



Easy to use

- Large color LCD with high resolution
- Working status indicator light
- Mouse and keyboard connection by USB
- Internal storage of lyse



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
- 68 µm and 100 µm ruby apertures



Cost-effective

- Tidy fluid system with low reagent consumption
- Only 2 reagents for sample testing



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 100,000
- L-J, X, X-R and X-B QC methods
- Support LIS and HIS
- Tailor-made multi-language operation system

Professional Technical Support

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



Performance & Specification

Technical Specification

Parameters WBC, LYM#, MID#, GRAN#, LYM%, MID%, GRAN%, RBC, HGB, HCT, MCV. MCH. W now-CV, RGW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC, 3-part differentiation of WBC, 22 parameters and 3 histograms

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

Aspiration Volume: Whole blood 8.5 µl, pre-diluted 20 µl

Aperture Diameter: WBC 100 µm, RBC/PLT 68 µm

Throughput: 70 samples per hour

Data Storage : Up to 109000 sample results with histograms

Alarms: Error messages

| | | |
|------------------------|-------------|-----------------|
| Dilution Ratio: | Whole blood | Capillary blood |
| WBC/HGB | 1:232 | 1:400 |
| RBC/PLT | 1:40000 | 1:45000 |

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

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

Input/output: Support RS232, 6 USB (mouse, keyboard, printer, Barcode reader and flash disk), Internal 57mm thermal printer

Power: AC 100-240V, 50/60Hz, 130-180VA

Dimension & Weight: 380mm (L), x 305mm (W) x 395mm (H), about 18kg



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 HMT-70P 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.

Manufactured in India by :



Plot : # 338, Sector-2, Industrial Growth Centre, Saha (Haryana) India-133104.

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HMT-70P

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