



UBM - F_x - 19T

3-Part-Diff Hematology Analyzer

21 parameters and 3 histograms

Hourly throughput up to 60 samples

Large 10.4-inch display

5 short-cut operation keys



- 21 parameters with P_LCC, P_LCR and RBC, WBC, PLT histograms
- Throughput up to 60 samples per hour with double chambers design
- Impedance method for WBC, RBC and PLT
- Photoelectric colorimetry method for HGB with cyanide free reagent
- Micro sample volume at 10 μ L for whole blood mode and 20 μ L for pre-diluted mode
- On board storage capacity of 100,000 sample results
- Optional reagent close system with external bar code scanning or key in
- 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





Accurate and Precise Results

- Proven impedance measurement technology
- Auto internal & external cleaning for aspiration probe
- High precision syringes
- 68 μ m and 100 μ m ruby apertures



Easy to Use

- Large color LCD with high resolution
- 5 shortcut operation keys
- Working status indicator light
- Mouse and keyboard connection for patient data input
- Identifiable color reagent connection design



Cost-effective

- Tidy fluid system with low reagent consumption
- Flexible reagent packaging from original manufacturer
- 30+ reagent joint venture manufacturers worldwide



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 illustrated icons
- On board storage up to 100,000
- L-J, X, X-R and X-B QC methods
- Support LIS and HIS connection
- Tailor-made multi-language operation system



Reliable Spare Parts Quality

- Well-known global spare parts suppliers
- High performance PCB board from fully automatic assembly line
- Individual quality control management for each single component



International Standard Certificate and Registration Documents

- ISO9001 & ISO13485
- CE, FSC, clinical test report, risk analysis report
- Others



Professional Technical Support

- 24 x 7 around-the-clock response
- Entire life cycle service solution
- Door-to-door service for complicated problems
- Provide qualification certificate to skilled engineer

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 and 3 histograms

Principles of operation

WBC/RBC/PLT: electrical impedance
HGB: photoelectric colorimetry

Aspiration volume

Whole blood 10 μ L, pre-diluted 20 μ L

Aperture diameter

WBC 100 μ m, RBC/PLT 68 μ m

Throughput

60 samples per hour

Data storage

Up to 100,000 samples 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 color LCD, resolution 800*600

Control and calibration

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

Input/Output

Support RS232, standard network port and USB shortcut keys with standard mouse and keyboard
Internal 57mm thermal printer, parallel port and USB for external printer

Power

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

Dimension & weight

530mm(L) \times 330mm(W) \times 460mm(H), about 28 kg



UBM

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AN ISO 9001 : 2015 CERTIFIED COMPANY

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