

49 parameters
WBC, LYM%, MON%, NEU%, EOS%, BAS%, LYM#, MON#, NEU#, EOS#, BAS#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW_CV, RDW_SD, PLT, MPV, PDW, PCT, P_LCR, P_LCC, RETIC%, RETIC_ABS, IRF 7 body–fluid parameters: WBC–BF, RBC–BF, MN%, MN#, PMN%, PMN#, TC–BF# 14 research parameters: ALY%, ALY#, LIC%, LIC#, NRBC%, NRBC#, BLAST%, BLAST#, InR%, InR#, Eos–BF%, Eos–BF#, Neu–BF%, Neu–BF# 2 histograms for RBC and PLT 2 scatter grams: 5–part differential scatter gram Eosinophils and Neutrophils scatter gram Two 3D stereograms
Principles of operation
WBC 5–part: flow cytometry(FCM) + 4 angles laser light scatter WBC analysis: optical and impedance measurements RBC/PLT analysis: impedance method HGB test: cyanide–free reagent colorimetry RETIC test: flow cytometry (FCM) + laser light scatter + chemical dye method
Reagent
Diluent, detergent, lyse, sheath
Sampling modes
Auto loader 20 µ L, manual mode 20 µ L, pre–diluted mode 20 µ L, body–fluid mode 70 µ L
Aperture diameter
WBC 100 µ m, RBC/PLT 68 µ m
Throughput
CBC mode: 90T/H , CBC+5DIFF mode: 80T/H , Body–fluid mode: 30T/H
Sampling device
Auto loader with 50 (10 × 5 racks) sample storage capacity Built–in bar code reader
Data storage
Up to 600,000 sample results with all grams
Alarms
Error messages
Display
PC display with windows system,17–inch color TFT display
LIS
Support, with HL7 protocol
Power
AC 100–240V, 50/60Hz, 300VA
Dimension & Weight
592 mm (L) × 712 mm (W) × 595 mm (H), about 73 kg



PT Multimedilab Karyamandiri
GP Plaza Lt.3 Unit 6, Jln. Gelora II No.01
RT.01/RW.01, Kel. Gelora, Kec. Tanah Abang
Jakarta Pusat - DKI Jakarta

Email : info@multimedilab.com
Website : <https://multimedilab.com/>

diagnosyf



SF-590

5-Part-Diff Hematology Analyzer

- 49 Parameters including Body-fluid and RETIC parameters
- Flow Cytometry (FCM) + Multi Angle Scatter Separation (MASS)
- Hourly throughput up to 90 samples
- Resistant RBC mode
- Multi-language software available (Tailor-Made)



- Body-fluid Test: WBC-BF, RBC-BF, MN%, MN#, PMN%, PMN#, TC-BF#
- Leukemia screening from BLAST% & BLAST# (research parameters)
- Reticulocyte Test: RETIC_ABC, RETIC%, IRF
- 49 Parameters, 2 histograms, 2 scatter grams, and two 3D stereograms
- The combination of WIC and WOC for WBC counting
- Impedance method for RBC and PLT counting
- On board storage capacity of 600,000 samples with all grams
- Built-in barcode reader
- LIS and HIS available with HL7 protocol



Laser Scatter

- Multi-angle scatter separation (MASS)
- Original cell morphology signal
- Stable and long-lasting



Sheath Flow Regulation

- Chemical dye free technology
- Only sheath reagent for WBC 5-Diff



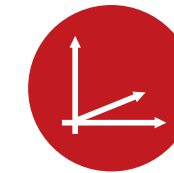
Sample Aspiration Device

- Flexible sample aspiration blood collection tubes including: standard tube, capillary tube, disposable plastic tube and micro tube



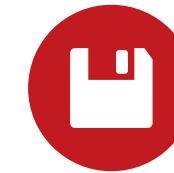
Electronic and Mechanical Components

- Individual quality control management
- Military level
- 20 years field-proven



2D+3D Grams

- Two 2D histograms: RBC and PLT
- Two 2D scattergrams: 5-part differential Eosinophil and Neutrophil
- Two 3D multi-angle vision grams



Data Management

- On board storage capacity of 600,000 samples
- Professional data statistics query system



Operation Interface

- Simple operation with user friendly illustrated icons
- Handy tool tips
- Unique URIT operation interface like all URIT hematology series



Quality Control Solution

- Diagnosyf original QC reagent with multi-method as L-J, X, X-R, X-B, etc.
- Third party QC solution available

