

ENDO



ENDO Automated Hemoglobin System/ Hematology Analyzer

Fitur

- ENDO Automated Hemoglobin System/Hematology Analyzer dengan LCD Layar yang lebar memudahkan dalam pengoperasian.
- Hematology Analyzer 5 Diff.
- Diluting Unit :
 - Sistem terpisah antara motor dan jarum
 - Motor dengan presisi tinggi.
- Komponen Elektronik dan Mekanik bermutu dan tahan lama.
- Kapasitas penyimpanan yang besar.
- Menggunakan teknik laser scatter untuk mengukur dan menganalisa sample.
- Alarm yang otomatis mendeteksi dan menandai sampel darah yang menunjukkan hasil yang abnormal atau mencurigakan.
- Mendukung penggunaan eksternal printer.
- Mode sampling : whole blood dan pre-diluent.

Spesifikasi

34 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

6 research parameters: ALY#, ALY%, LIC#, LIC%, NRBC#, NRBC%

2 histograms for RBC and PLT

2 scatter grams: 5-part differential scatter gram

Eosinophils and Neutrophils scatter gram

Principles of operations :

WBC/DIFF: flow cytometry, semi-conductor laser light multi-dimensional cell classification

WBC analysis: optical and impedance measurements

RBC/PLT analysis: impedance method

HGB test: cyanide-free reagent colorimetry

Reagent :

Diluent detergent lyse sheath

Sampling modes & aspiratio :

Whole blood: 20µL, pre-diluent: 20µL

Aperture diameter

WBC 100µm, RBC/PLT 68µm

Throughput

Whole blood up to 60 T/H pre-diluent up to 60 T/H

Data Storage

Up to 200,000 sample results with grams

Alarms

Error messages & pathological flagging

Display

10.4-inch color touch screen

Input/output

Built-in thermal printer. Support serial port, LAN port, USB port

Power

AC 100-240V, 50/60Hz, 250VA

Dimension & Weight

530mm (L) × 270mm (W) × 412mm (H), about 26.5kg