



EC-38

3-Part Hematology Analyzer

BIOELAB



■ Throughput up to 80 samples/hour with whole blood mode



■ 10.4 inch color display screen with touch panel



■ Minimum volume 9μl whole blood



■ Large storage capacity, 500,000 results

Parameters

Throughput

80 samples/hour

Detection items

The detection items include maximum 21 parameters (WBC, Lym#, Mid#, Gran#, Lym%, Mid%, Gran%, RBC, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, HGB, P-LCC (optional), P-LCR (optional)), 3 histograms, alarm for abnormal erythrocytes, leukocyte and platelet

Report print

Built-in thermal printer
Support external more than 5 types USB HP printers (optional)
Support different language when leaving the factory
Multiple built-in report templates available

Detection channel

Double -channel for counting

Sample volume

Minimum volume 9μl whole blood

Counting modes

Whole blood mode, pre-diluted mode

Leading technology

Cell pulse baseline tracking and restore technology
High voltage burning technology
Built-in liquid sensor technology
High speed pulse collecting and discrimination technology
Intelligent floating threshold technology

Display type

10.4 inch color display screen with touch panel

Detection principle

Impedance method (WBC, RBC, PLT) and cyanide free colorimetric method (HGB)

Reagent

3-Part diluent and lyse

Storage

500,000 sample results, including histogram and patient information

Input/Output

4 USB ports and Bi-directional LIS connection, support USB keyboard, mouse, USB disk and USB printer

Operating environment

Temperature: 10°C~35°C
Relative humidity: 20%~85%

Power supply

100~240V AC, 50/60 Hz, ≤150V AC

Dimension

420(L) x 295(W) x 430mm(H)

Net weight

≤28kg

BIOELAB

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