

DF50

Auto Hematology Analyzer



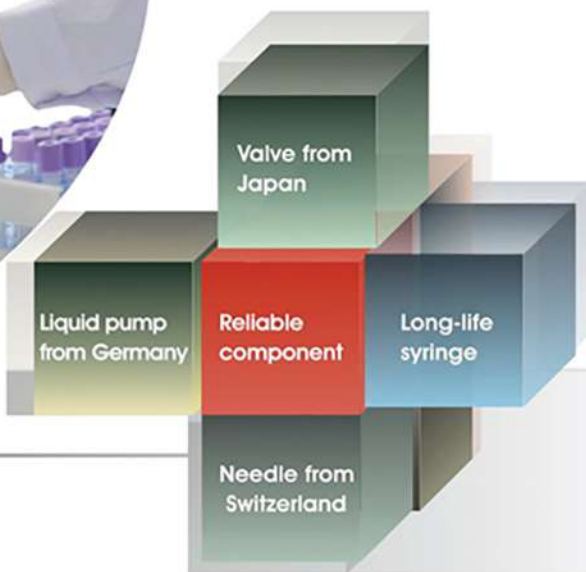
DYMIND
www.dymind.com



COMPACT 5-PART

Features

- Tri-angle Laser scatter + Flow cytometry technology
- WBC 5-part differentiation, 23 reportable parameters and 4 research parameters, 3 histograms, 3 DIFF scattergrams and 1 BASO scattergram
- Double optical counting channel both for WBC and basophil measurement
- Venous whole blood, capillary whole blood and Pre-diluted modes
- Powerful capability of flagging abnormal cells
- 10.4 inch large TFT touch screen with user-friendly software
- Large storage capacity, up to 50,000 samples
- Throughput: 60 samples per hour
- Low sample volume 15 μ L
- Compact in size
- Good repeatability



دلتا کیر
DELTA CARE

For Medical Supplies
01010060298 - 01210629090
www.delta-care.com

DF50

Auto Hematology Analyzer



Technical Specification

Principles

Impedance method for RBC and PLT counting
 Cyanide free reagent for hemoglobin test
 Flow Cytometry (FCM) + Tri-angle laser scatter method for WBC 5-part differential analysis and WBC counting

Parameters

27 parameters: WBC, Lym%, Mon%, Neu%, Bas%, Eos%, Lym#, Mon#, Neu#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, LIC%, LIC#, ALY%, ALY#
 3 histograms for WBC, RBC and PLT
 3 DIFF scattergrams and 1 BASO scattergram

Reagent

DIL-C Diluent, LYC-1 LYSE, LYC-2 LYSE, CLE-P

Linearity Range

WBC (0.00-300.00) × 10⁹/L RBC (0.00-8.50) × 10¹²/L
 HGB (0-250)g/L PLT (0-3000) × 10⁹/L
 HCT 0.0-67.0%

Display

10.4 inch TFT Touch Screen

Throughput

60 samples per hour

Data Storage Capacity

Up to 50,000 results including numeric and graphical

Communication

LAN port supports HL7 protocol

Interface

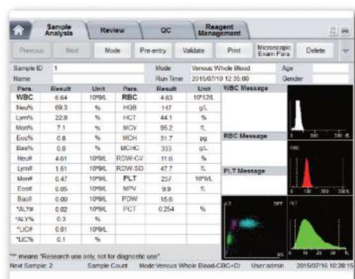
4 USB Ports, 1 LAN port

Printout

External Laser printer / Inkjet printer, various printout formats and user-defined formats

Repeatability

WBC ≤ 2.0% RBC ≤ 1.5% HGB ≤ 1.5%
 PLT ≤ 4.0% MCV ≤ 1.0%



RReal double optical channel test, both for Diff and BASO. BASO channel with optical counting, more precise.

