DYMIND

DF50

Blockbuster Mini 5-Part Hematology Analyzer

Principles	Flow Cytometry (FCM) + Tri-angle laser scatter + Chemical staining method for WBC differention Impedance method for RBC and PLT test Cyanide free colorimetry for HGB test	**Sample Volume**	20µL
Parameters	23 reportable parameters: WBC, Neu#, Lym#, Mon#, Eos#, Bas#, Neu%, Lym%, Mon%, Eos%, Bas%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT	**Linearity Range**	WBC: 0.00-300.00×10^9/L RBC: 0.00-8.50×10^{12}/L HGB: 0-250g/L PLT: 0-3000×10^9/L HCT: 0.0-67.0%
	4 research parameters: ALY#,ALY%,LIC#,LIC%		
	3 histograms for WBC, RBC and PLT	**Repeatability**	WBC≤2%(4.0-15.0×10^9/L) RBC≤1.5%(3.5-6.0×10^{12}/L) HGB≤1.5%(70-120g/L) MCV≤1%(70-120fL) PLT≤6.0%(100-149×10^9/L) ≤4.0%(150-500×10^9/L)
	Four 2D scattergrams for WBC differention		

Throughput	Up to 60 tests per hour	**Sample mode**	Whole blood, capillary whole blood and pre-diluted modes
Display	10.4 inches high resolution TFT touch screen	**Interface**	4 USB ports, 1 LAN port
Printout	External printer,compatible with multiply laser / inkjet printers, compatible with various formats and user-defined formats	**Power requirement**	100V-240V~, 50/60Hz, ≤200VA
		Dimension	364mm(W)*498mm(D)*431mm(H)
Storage	Up to 50,000 records	**Net weight**	28kg

Expert for Small Lab

DF50

Blockbuster Mini 5-Part Hematology Analyzer
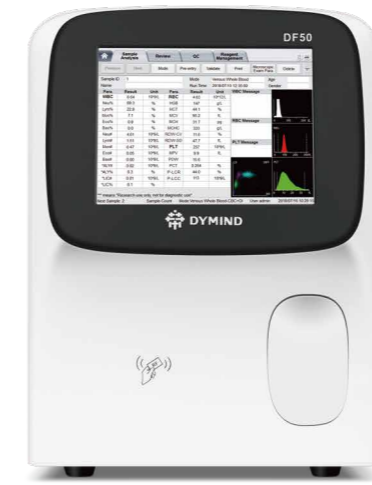
2/F, Nanfeng Building B, Nanshan Yungu Innovation Industrial Park, No.4093, Liuxian Blvd, Taoyuan Street, Nanshan District, Shenzhen 518055, P.R.China

+86-755-26008015

+86-755-26008015

www.dymind.com

intl@dymind.com

Declaration: Shenzhen Dymind Biotechnology Co., Ltd reserves the right to change the product of specifications and appearance at any time. For the information of this manual, Shenzhen Dymind Biotechnology Co., Ltd reserves the right to the interpretation and the decision.   P/N: EN-DF50[2.0]

DF50

Blockbuster Mini 5-Part Hematology Analyzer
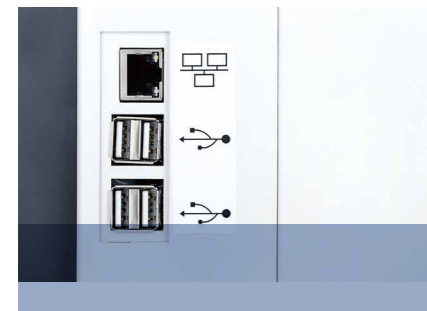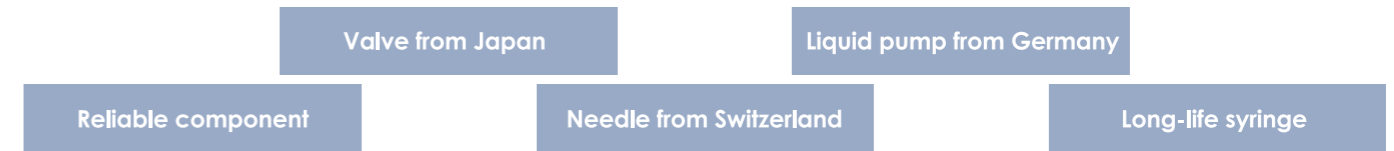
10.4 inches TFT touch screen, easy to operate.

12.5° leaning angle of the screen is easy for operator to view.

User friendly operation software.

4 USB ports for data transmitting and connection

with printer, keyboard, mouse, barcode scanner *etc*.

No barrier around the needle

Suitable for either left hand or right hand

4 reagents totally,
3 are routine use.
2 years shelf life

All key components are imported, high quality and longer life.
Syringe maintenance free.

| Valve from Japan | | Liquid pump from Germany |

| Reliable component | Needle from Switzerland | Long-life syringe |

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