

VR-70P

3-Part-Diff Hematology Analyzer

Parameters

WBC, LYM#, MID#, GRAN#, LYM%, MID%,
GRAN%, RBC, HGB, HCT, MCW, MCH, MCHC, RDW-CV,
RDW- SD, PLT, MPV, PDV- SD, PDW- CV, PCT, P- LCR, P- LCC
3-part differentiation of WBC, 22 parameters and 3 histograms

Principles of operation

WBC/RBC/PLT: electrical impedance
HGB: photoelectric colorimetry

Aspiration volume

Whole blood 13 μ L, pre diluted 20 μ L

Aperture diameter

WBC 100 μ m, RBC/PLT 68 μ m

Throughput

70 samples per hour

Data storage

Up to 100,000 samples results with histograms

Alarms

Error messages

Dilution ratio

	Whole blood	Capillary blood
WBC/HGB	1:232	1:400
RBC/PLT	1:40000	1:45000

Display

10.4 inch color LCD, resolution 800 x 600 screen

Control & calibration

L-J, X-R, X-B four control modes, manual and auto-calibration

Input/output

Support Rs232, 6USB (mouse, keyboard, HP printer, barcode reader and flash disk),
Internal 57mm thermal printer

Power

AC 100-240V, 50/60Hz, 180VA

Dimension & Weight

415mm (L) x 305 (W) x 395 (H), about 18kg



Marketed By :

VR HealthTech

Plot No. 2, First Floor, N.K. Sharma Office Road

Lohgarh, Zirakpur-140603,

Distt. Mohali. Punjab

E-mail : vrhealthtech@gmail.com

Mobile : +91-9466104609, 9417292991 | www.vrhealthtec.com

Manufactured By :

URIT Medical Electronic Co., Ltd.

VYOMAX

Empowering Diagnostics, Enabling Care



VR-70P

3-Part-Diff Hematology Analyzer (DOUBLE CHAMBER)

Never Compromise Thirst for Speed, Faster to be First

70 samples/hour of double chambers

Compact and minimized size

2 reagents system (Diluent & Lyse)



- 22 parameters with P-LCC, P-LCR and RBC, WBC, PLT histograms
- Throughput up to 70 samples per hour
- Impedance method for WBC, RBC and PLT
- Photoelectric colorimetry method for HGB with cyanide free reagent
- Micro sample volume at 13UL for whole blood mode and 20uL for pre-dilute mode
- On board storage capacity of 100,000 samples results
- Four kinds of QC modes : L-J, X, X-R and X-B
- Support USB data backup & system upgrade
- Build-in thermal printer
- LIS and HIS available with HL7 protocol



Accurate and Precise Results

- Proven impedance measurement technology
- Auto internal & external cleaning for aspiration probe
- High precision syringes
- Internal preheating for diluent for every test
- 68 um and 100 um ruby apertures



Easy to Use

- Large color LCD with high resolution
- Working status indicator light
- Mouse and keyboard connection by USB
- Internal storage of lyse



Cost-effective

- Tidy fluid system with low reagent consumption
- Only 2 reagents for sample testing
Flexibl



Low and Easy Maintenance

- Special self-checking function during initialization
- Auto clog removing by aperture cauterizing and flushing
- Error messages
- Openable front panel and side door



User friendly Software

- Friendly interface and illustrate icons
- L-J, X, X-R and X-B QC methods
- Support LIS and HIS



International Standard Certificate and Registration Documents

- ISO9001 & ISO13485
- CE, FSC, clinical test report, risk analysis

