

VITANIX HEMATOLOGY

VITACOUNT 3P



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3-Part Auto Hematology Analyzer

ANALYZER OVERVIEW

The Vitacount 3P is a robust, table top, scalable hematology analyzer, 3-part Hematology analyzer with a sample throughput of 60 tests/hour generates reliable and accurate results and benchtop space. The Vitacount 3P has 10" color touch screen and easy-to-use interface. The Vitacount 3P Hematology system is ideal for Hospital laboratories, Hospital clinics and physician practices that are compatible for an efficient, user friendly and perfect instrument

Features & Benefits

Active, Premium and Accurate Hematology testing in any laboratory environment

- 3-Part Differential Automatic Hematology Analyzer
- 21 Reportable parameters
- Only Needs 2 Reagents
- Auto-cleaning of sample probe & tubes
- Automatic fault processing function
- Sample volume ≤ 20 ul
- Storage Upto 45,000 results including histograms, & patient information.

Efficient Characteristic

Sampling Mode

- Two modes of sampling: Whole blood, pre-diluted blood.

Sample Volume

- Low Sample Volume of ≤ 20 uL

Features

- 10" color touchscreen liquid crystal display
- 10°incline facilitate perfect to visual observation
- Auto-cleaning of sample probe and tubes
- Automatic fault processing function



Vitacount 3p with Printer

User Friendly

- 4 USB, 1 LAN support protocol HL7 and compatible with LIS system
- Built-in thermal printer, external laser printer or inkjet printer

Parameters	Precision	Linear Range	Rate
RBC	$\leq 1.5\%$ ($3.0-6.0 \times 10^{12}$)/L	($0.10-8.00 \times 10^{12}$)/L	$\leq 0.5\%$
WBC	$\leq 2.0\%$ ($3.5-15.0 \times 10^9$)/L	($0-100.0 \times 10^9$)/L	$\leq 0.5\%$
PLT	$\leq 4.0\%$ ($150-500 \times 10^9$)/L	($0-1000 \times 10^9$)/L	$\leq 1.0\%$
HGB	$\leq 1.5\%$ (100-180) g/L	(0-250)g/L	$\leq 0.6\%$
MCV	$\leq 1.0\%$ (70-120) g/L		



Specifications

Principle

- Colorimetry method and Electric Impedance method.

Parameters

21 Reportable Parameters.

21 reportable parameters: WBC, LYM#, MID#, GRAN#, LYM%, MID%, GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC and 3 histograms

Reagents

- 2 Reagents System LH Lyse, Diluent, Probe Cleaner for maintenance.

Flag System

- Flag System for RBC, WBC, PLT abnormal sample and support test groups.

Storage

- Up to 45,000 results including histograms, scatter grams and patient information

Quality Control

- 3 Level QC, Levy-Jenning graphs, X-B. Accompanying quality control material

Calibration

- Two Points Calibrations Manual and Auto-calibration.

Accessories

- Standard: keyboard, waste liquid barrel, ground wire 3m.

Environment

- Working Voltage: AC 100V~240V,
- 50/60Hz Rated Power: 120VA
- Relative Humidity: 20%~85%

Dimensions

- Size (L x W x H): 390mm(L)×285mm(W)×390mm(H)
- Weight≤25Kg

Reagents for Vitacount 3P

Product Name	Pack Size
Vita-Diluent	20L
Vita-LH-Lyse	500ml
Vita-Prob clean	20ml
Vita-EZ Clean	50ml



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