

COUNT with CONFIDENCE



Analyze the Vanguard way



VANALYZETM - V30s

3- Part Differential Automated Hematology Analyzer

Correct, Consistent, Creditable COUNTS

NEW Efficient Technology

- Minimum size with footprint of a 17 inch laptop.
- Space saving design allows internal storage of **VANALYZE™** LYSE reagent.
- Powerful software to enhance user experience.
- Only two reagents required, **VANALYZE™** DILUENT and LYSE.
- New technology that eliminates the need for Cleanser & Rinse.
- Lower reagent consumption.



ADVANTAGE : Intelligent Flagging

- Different 'flag information' provided with histograms - a First for a 3 - Part Analyzer.

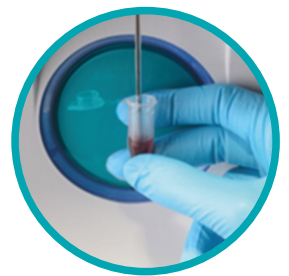
Flag	Description
'Leucopenia'	Low levels of White Blood Cells
'Lymph decreased'	Low levels of Lymphocytes
'Pancytopenia'	Low levels of all three blood cells – RBCs, WBCs & Platelets
'R3'	Displayed simultaneously

VANALYZE™ - V30s

Correct, Consistent, Creditable COUNTS

Enhanced Performance

- Up to 70 tests /hour.
- 21 parameters; 3 histograms; 2 research parameters.
- Smart counting mode for reliable low & high end linearity.
- Only two reagents – cyanide free.
- Data storage – 5,00,000 samples with histograms.
- Intuitive operation system with 10.4 inch TFT touch screen.
- Open vial sampling.
- Micro sample volume at 9.0 μ L for whole blood mode with capillary whole blood samples supported, perfect for pediatric samples.



Broad Connectivity

- WIFI capability provides an added option for data communication with bi-directional LIS, USB port and LAN port, barcode reader, printer and keyboard.



Complete Solution from Vanguard Diagnostics
Instrument, Reagents, Controls, Calibrators

VANALYZETM - V30s

Technical Specifications

Principle

Impedance method for WBC, RBC and PLT counting, Cyanide free reagent for hemoglobin test.

Performance

Parameter	Linearity Range	Precision (CV %)	Carryover
WBC(10^9 /L)	0-200	$\leq 3.5\%$ (4.0-6.9) $\leq 2.0\%$ (7.0-15.0)	$\leq 0.5\%$
RBC(10^{12} /L)	0-8.00	$\leq 1.5\%$ (3.5-6.5)	$\leq 0.5\%$
HGB(g/L)	0-280	$\leq 1.5\%$ (100 -180)	$\leq 0.5\%$
MCV(fL)		$\leq 1.0\%$ (70-110)	
PLT(10^9 /L)	0-4000	$\leq 5.0\%$ (100-149) $\leq 4.0\%$ (150 -500)	$\leq 1.0\%$

Parameters

21 parameters: WBC, Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC

3 histograms for WBC, RBC and PLT

2 research parameters: NLR, PLR

Data Storage Capacity

Up to 5,00,000 results including numeric and graphical information

Printout

Thermal recorder, 50 mm wide paper, various printout formats

External printer optional

Interface

4 USB port (for external printer, software upgrade, barcode reader, WIFI adapter, keyboard and mouse), LAN port (1)

Communication

LAN Port supports HL7 protocol

Supports bi-directional LIS

Dimension and Weight

Dimension: Depth(410 mm) x width(300 mm) x height(400 mm)

Weight: ≤ 20 Kg

Reagents

VANALYZE™ DILUENT

VANALYZE™ LYSE

Sample Volume

Prediluted mode - 20 μ l

Whole blood mode - 9 μ l

Throughput

70 samples per hour

Display

10.4 inch TFT Touch Screen

Power Requirement

100V-240V

<300VA

50Hz/60Hz

Operating Environment

Temperature: 10°C - 40°C

Humidity: 10% - 90%

Air pressure: 70kPa - 106kPa

 C-123, Phase-I, Okhla Industrial Area, New Delhi-110020, INDIA

 +91-9899529499

 info@vanguarddiagnostics.com

 www.vanguarddiagnostics.com

