



TOUCH SCREEN

3 PART DIFFERENTIAL HEMATOLOGY ANALYZER

3 Part Double Chamber Hematology Analyzer

Micro sample volume of 10 μ L

High Throughput of 60 Tests/hour

Support LIS/HIS and HI7 Protocol

Large 10.4" TFT Touch Screen

Easy to handle reagents with RFID Detection System

TECHNICAL SPECIFICATIONS

Principles

Impedance method for WBC, RBC and PLT counting
Photoelectric Colorimeters for Hemoglobin Cyanide
free reagent for Hemoglobin Test

Parameters

24 Parameters : WBC, Lymph#, Mid#, Gran#,
Lymph%, Mid%, Gran %, RBC, HGB, MCV, HCT, MCH,
MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR,
P-LCC, PDW-SD, PDW-CV, Histogram for WBC, RBC,
PLT Distribution

Display

10.4 inch TFT Touch Screen Display

Storage Capacity

1,00,000 Results along with Histograms

Reagents

Diluent, Lyse, Detergent with RFID Detection and
EZ Cleaner

Aspiration Volume

Whole Blood - 10 μ l
Pre-Diluted - 20 μ l

Performance & Linearity

Parameter	Linearity Range	Carryover	Precision
WBC	0x10 ⁹ /L - 99.99X10 ⁹ /L	<0.5%	<2.0%
RBC	0x10 ¹² /L - 9.99X10 ¹² /L	<0.5%	<1.5%
HGB	0 g/L - 300 g/L	<0.5%	<1.5%
PLT	0x10 ⁹ /L - 999X10 ⁹ /L	<1.0%	<4.0%
MCV	-	-	<0.5%
HCT	-	-	<1.0%

QC Menu

4 QC Menu with L-J,X-R,X-B,X QC

Data Management

4 USB Support, RS 232 Serial Port,
Built in Thermal Recorder supports
57 mm Paper roll Supports to LIS/HIS
And HI7 Protocol

Aperture Size

WBC - 100 Micron
RBC/PLT - 68 Micron
Throughput - 60 samples/Hour
Analysis Mode - Whole Blood and Prediluted
Dimension - 330mm x 440 mm x 500 mm
Weight - 21 Kgs

Power Requirement

AC (100 V ~ 240 V), 50/60 HZ, 180 VA
1 KVA online UPS with Isolation Transformer
Earth Voltage <5 V

Operating Environment

Storage Temperature - 10 C - 55 C
Working Temperature - 18 C - 35 C
Relative Humidity - <90% RH
Minimum Distance Power
Socket to Analyzer - 30 CM