

“Think Hematology! Think BEACON...”

ULTIMA 3

AUTOMATIC HEMATOLOGY ANALYZER



**Dual Chamber CBC + 3 Diff
21 Parameters + 3 Histograms**

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**

TOLL FREE : 1800-270-1027

www.beaconindia.com

ULTIMA 3

AUTOMATIC HEMATOLOGY ANALYZER

TECHNICAL SPECIFICATIONS

Principles :

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

Parameters :

21 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

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	$0 \times 10^9/L - 99.99 \times 10^9/L$	<0.5%	<2.0%
RBC	$0 \times 10^{12}/L - 9.99 \times 10^{12}/L$	<0.5%	<1.5%
HGB	0 g/L - 300 g/L	<0.5%	<1.5%
PLT	$0 \times 10^9/L - 999 \times 10^9/L$	<1%	<4%
MCV			<0.5%
HCT			<1%

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



Instrument Description :

ULTIMA 3 - 3 Part Hematology Analyzer

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

 **TOLL FREE**
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 **BEACON**
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