

Technical Specification

Mode Type

Whole blood, Predilute, Capillary

Reportable Parameters: 26

CBC: WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PCT, PDW-CV, PDW-SD, P-LCR, P-LCC.

DIFF: Neutrophils % & #, Lymphocytes % & #, Monocytes % & #, Eosinophils % & #, Basophils % & #

Research Parameters: 6

ALY % & #, LIC % & #, NRBC % & #

Principle of measurement

RBC/PLT: Electrical Impedance

WBC + DIFF: Tri-angle Laser

Flowcytometry

Hb: Cyanide-Free Colorimetry

MCV: Measured

HCT: Calculated

Histograms: 3 (WBC/RBC/PLT)

Scattergram: 3 (2D), 1 (WBC/Baso)

Sample Volume:

Whole blood : 15 µL

Pre-diluted : 20 µL

Capillary : 20 µL

CBC Mode : 11 µL

Linearity Range

WBC : 0 - 300 (x 10³/µL)

RBC : 0.00 - 8.50 (x 10⁶/µL)

Hb : 0 - 25.0 (g/dL)

HCT : 0 - 67 (%)

PLT : 0 - 3000 (x 10³/µL)

Calibrator

ELite H Cal (3mL)

Open Vial Stability at 2-8 °C: 7 Days

Tri-level Controls

Elite H5 CON L, N, H (3mL)

Open Vial Stability at 2-8 °C: 16 Days

Throughput

upto 60 Tests/Hr

Quality Control

500 files with L-J graph

X-Bar Analysis

Data Storage

50,000 Results with Graphs

Dimension

364x498x431 (mm)

Weight (Kg)

26.5

Reagents

Erba H560 Dil

Erba H560Lyse1

Erba H560Lyse2

Elite H Clean

Interfaces

4 USB + 1 LAN Port

Operating Environment

Temperature : 15-35 °C

Humidity : 30-85%

Power Requirement

A.C.100-240V

50/60Hz

200VA

H 560

5 PART DIFF

HEMATOLOGY ANALYZER



New Generation
High Performance

Transasia - Erba Group

Global footprint



India Advantage



65000+
Installations



Customer Support
Least downtime



Supply Chain
Widest Network
in the Industry



Sales & Marketing
Largest in the
IVD Industry

Manufactured by:

Erba Lachema s.r.o.

Karásek 2219/1d, 621 00 Brno, Czech Republic
Tel.: +420 517 077 111

E-mail: diagnostics@erbamannheim.com

Toll Free Number

1800 130 8226

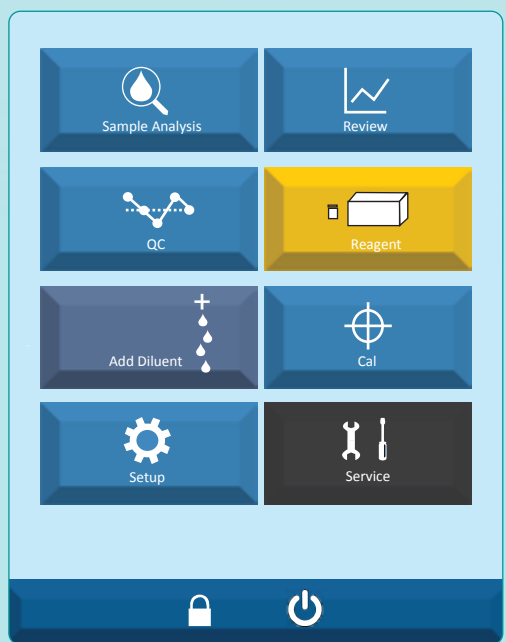
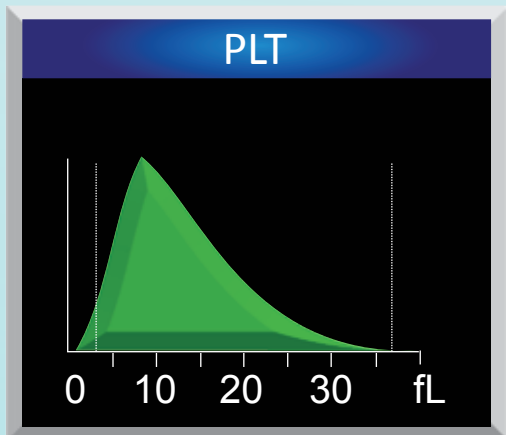
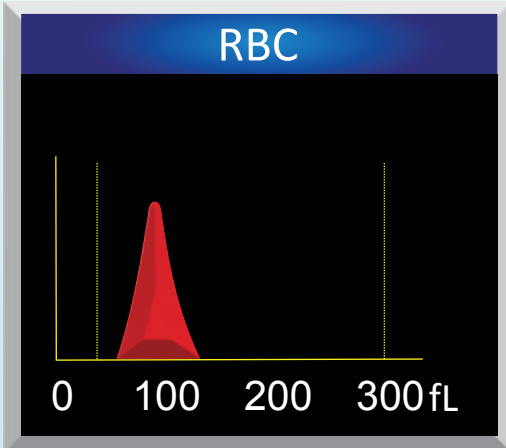
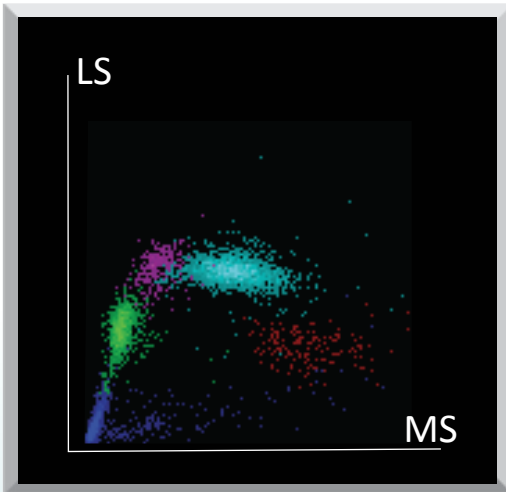
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TRANSASIA BIO-MEDICALS LTD.

Transasia House, 8 Chandivali Studio Road,
Andheri (E), Mumbai - 400 072. T: (022) 4030 9000,
F: (022) 2857 3030 E: responses@transasia.co.in

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WBC DIFF Tri angle laser based flow cytometry

- Intensity of light scattered from semiconductor laser beam on the blood cells reflects cell size and intra cellular density.
- Low angle scatter shows cell size, while the middle and high angle display intracellular information (nucleus and cytoplasmic content). Pulse data thus captured plots 4 2D scattergrams.
- Independent WBC/ Baso channel uses special haemolytic agent that extracts Basophils.



RBC/ Platelet Electrical Impedance

- Electrical impedance measures change in electrical resistance produced by a blood cell suspended in conductive diluent as it passes through an aperture.



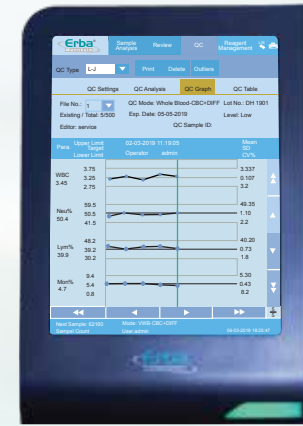
Convenient

- 10.4" Large coloured LCD touch screen with graphic icons
- Single page view of full report
- **ADDM** - Unique Auto Diluent Dispensing Mechanzism
- **RIMS**- Real time Inventory Management System with RFID



Precise & Accurate

- Excellent short & long term precision
- Highly accurate with results correlating with microscopic examination & clinical findings.
- Specific flagging messages to alarm for microscopic slide review



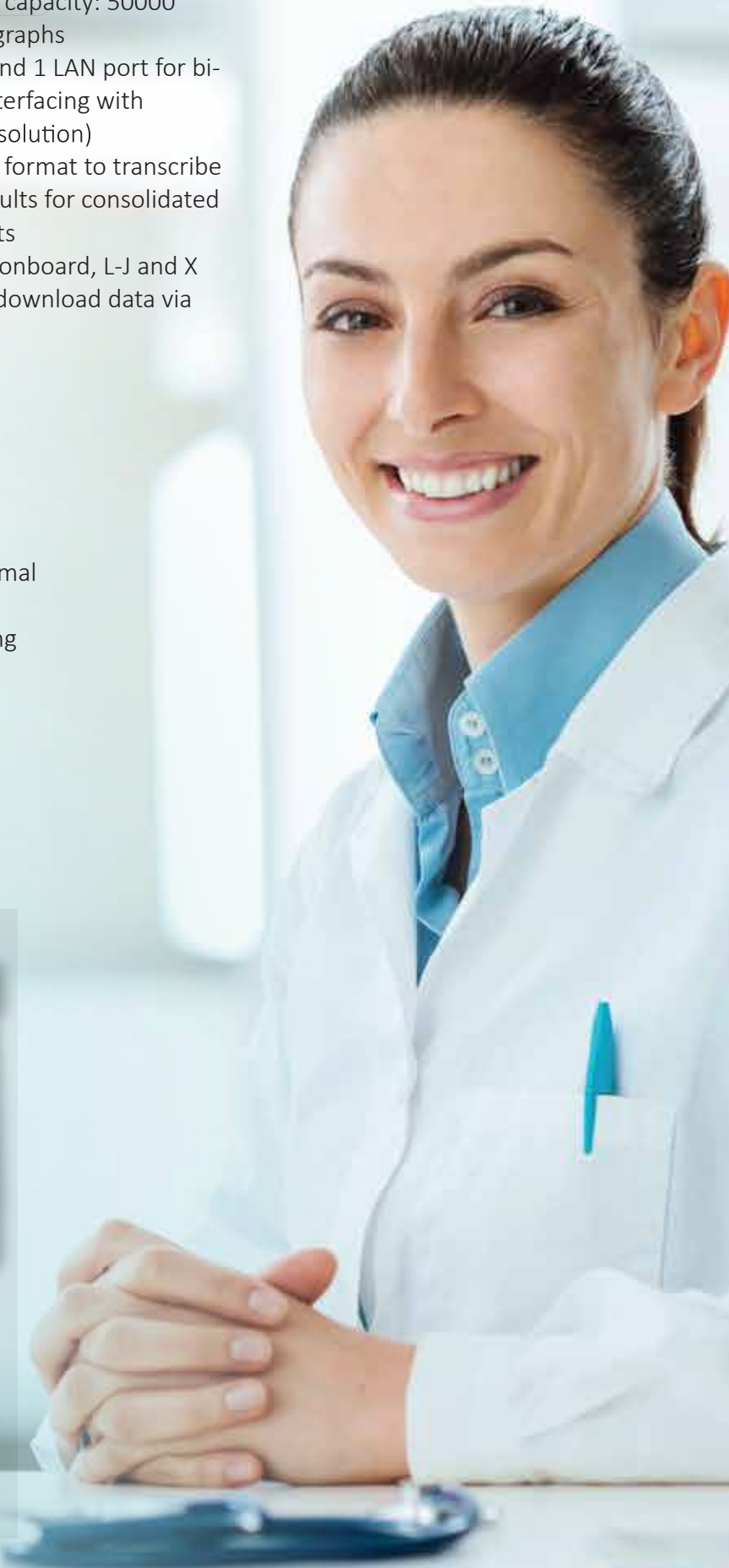
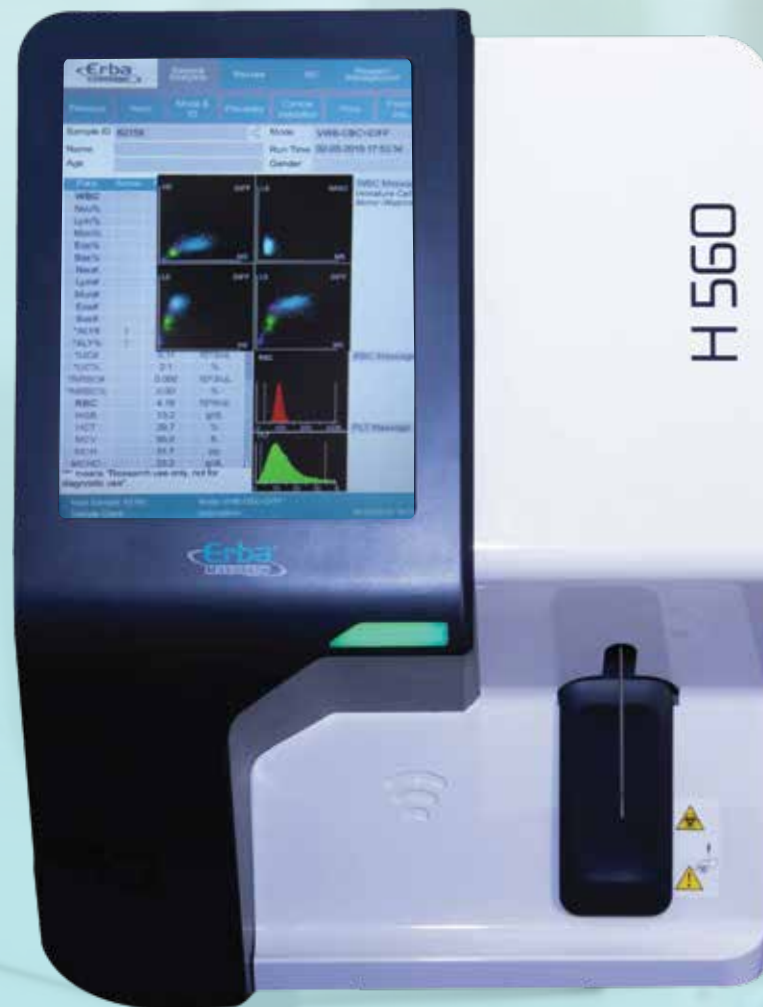
Advanced software

- Large storage capacity: 50000 reports with graphs
- 4 USB ports and 1 LAN port for bi-directional interfacing with (Optional LIS solution)
- Customizable format to transcribe other test results for consolidated patient reports
- QC- 500 files onboard, L-J and X Bar, Upload /download data via USB



More with Less

- Just 15 µL sample volume: all age groups
- P-LCR, P-LCC, PDW-SD, PDW-CV aids in differential diagnosis of cases with abnormal platelet counts
- RDW-SD, RDW-CV & MCV aids in screening for causes of anaemia



New Generation High Performance