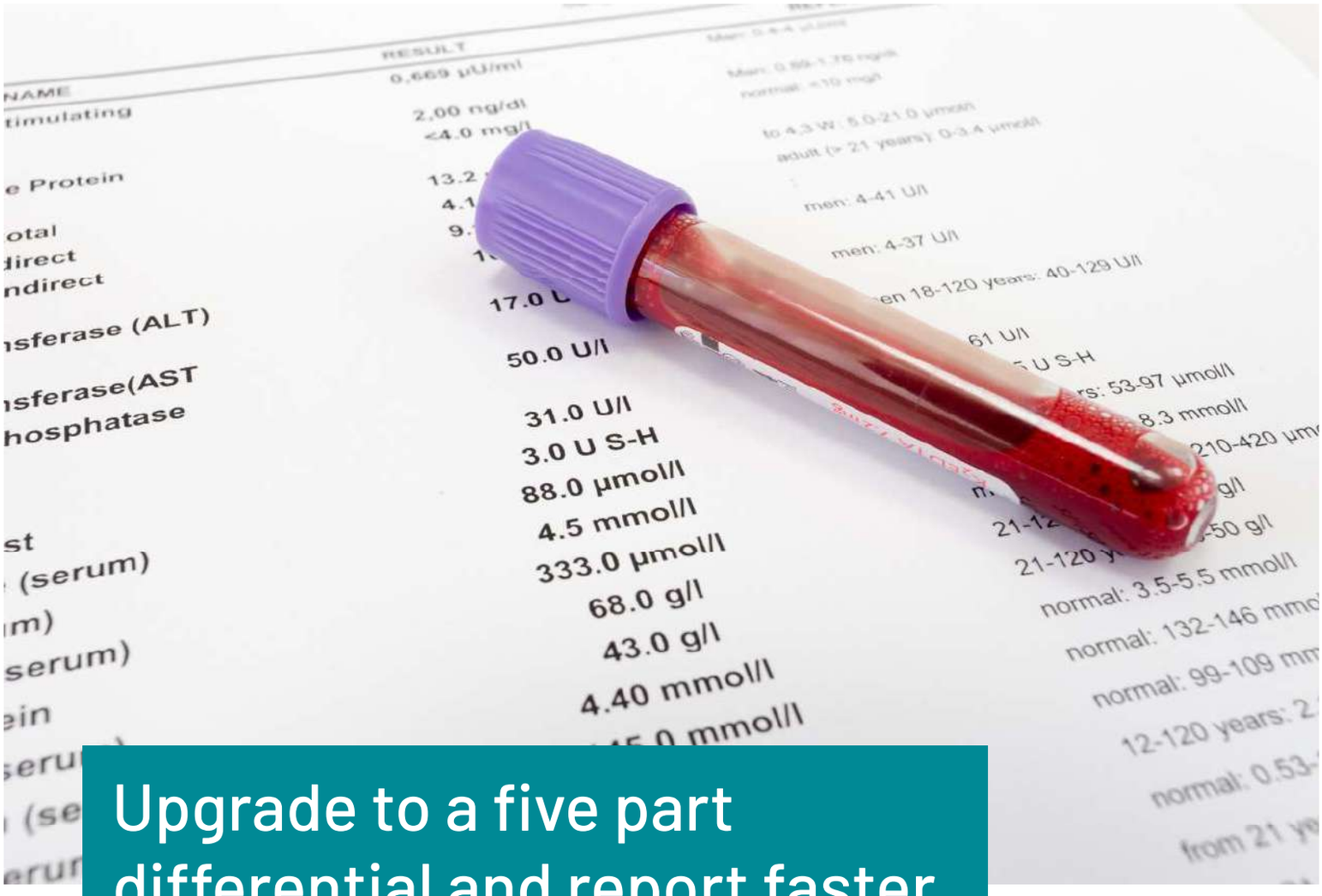
Erba Mannheim

H560

FULLY AUTOMATED 5 PART HEMATOLOGY ANALYSER

EASY.
EFFICIENT.
RELIABLE.

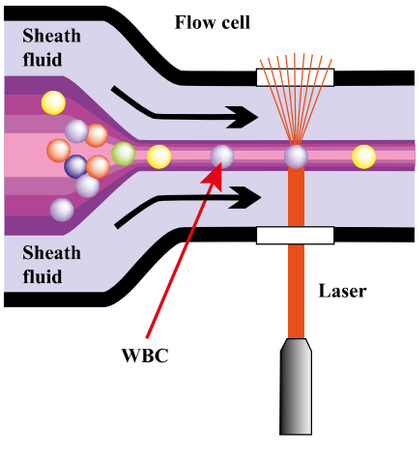
PRM Medical
Clinical Diagnostic Solutions Advisory and Supplier

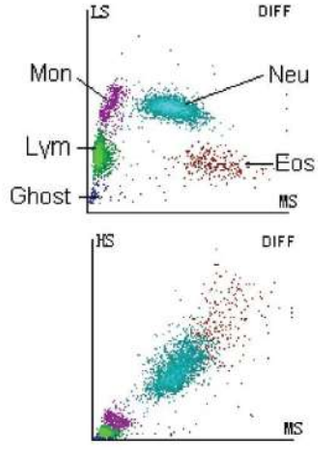


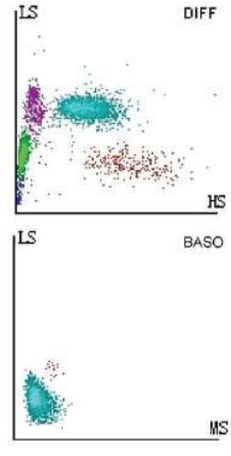
Upgrade to a five part differential and report faster with more confidence.

Three part differential systems are not designed to report results on abnormal patients without the need for further testing. These investigations are complex and delay the release of critical results to the requesting clinician.

The H560's five part differential count allows users to report world class results faster and with more confidence.



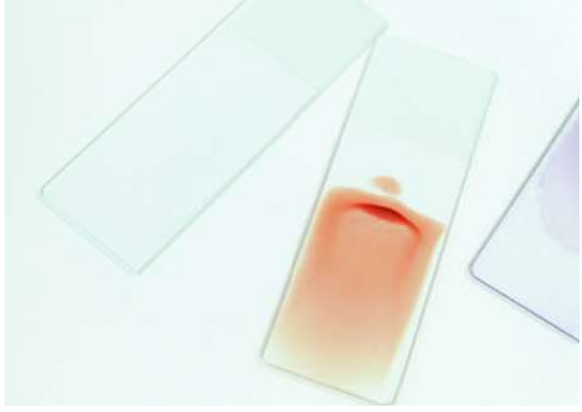


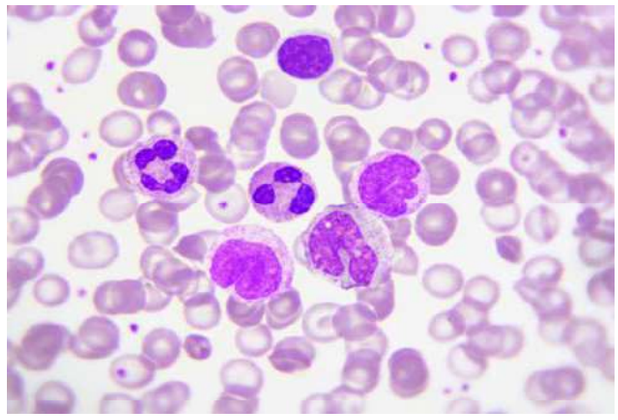


Manual blood film review should focus on morphology, not counting.

Blood film review is a complex process and takes time to master. Adding a five part differential system to the laboratory means that valuable time at the microscope can be spent assessing morphology and other abnormalities rather than counting.

With the H560 users can go beyond the normal 5 part differential with added information from the advanced research parameters - ALY%, LIC%, ALY#, LIC#, NRBC%, NRBC#.

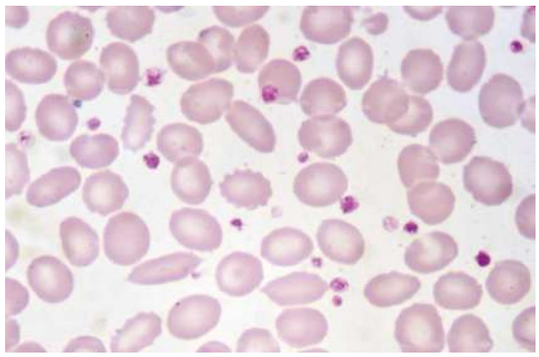




H560 is ahead of the rest with class leading design and technologies.

Anti-clog technology

The impedance aperture is treated with a high energy pulse after each sample – reducing the risk of blockages



Detailed platelet information

The H560's PLCR and PLCC parameters allow users to report detailed information about the patient's platelet status

Reduce pre-analytical variables with ADDM

To ensure consistent and exact dilution of the patient sample, an automated diluent dispense mode (ADDM) has been created to help reduce errors

Wide range of tubes

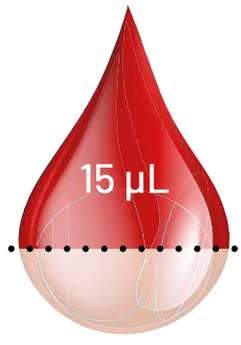
The H560 is able to accept sample tubes from many different manufacturers including pediatric samples.

When less is better. Much better.

H560 uses less than a drop of blood

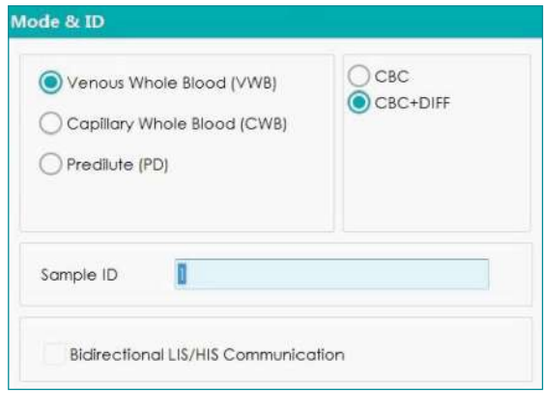
Just 15µL of Aspiration volume

The efficient fluidics design allows the H560 to aspirate only 15 µL. This combined with the open tube sampling aspiration means a couple of drops is more than enough.



Multiple analytical modes

Six analytical processing modes mean flexibility of analysis and ensure you get the best result for your patient first time.



EASY

USER INTERFACE

- 10.4″ Touchscreen
- 50.000 Reports
- 4 Scatterplots (DIFF x3, BASO)
- 3 Histograms (RBC, WBC, PLT)
- 1-click analysis

REAGENT REGISTRATION

- Full traceability via RFID inventory management system

RELIABLE

ENGINEERED CONSTRUCTION

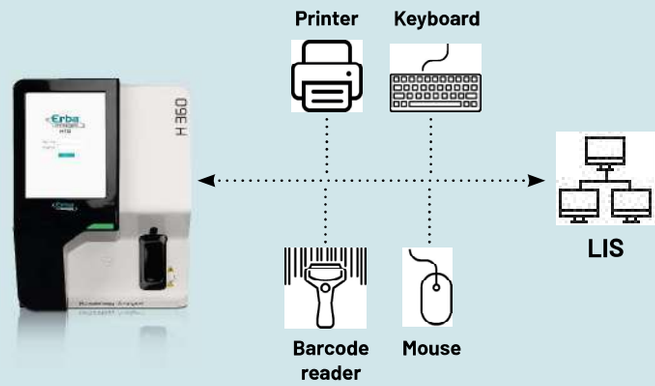
- Small footprint - 364 x 498 mm
- Status indicator
- Simple, well engineered construction
- High quality components for long life

ANTI-CLOG TECHNOLOGY

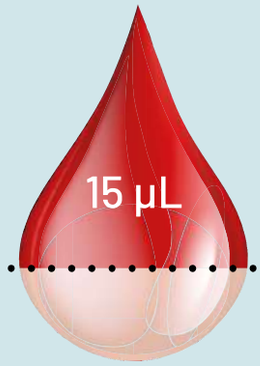
- Prevent build-up with anti-clog technology

EFFICIENT

EXTERNAL CONNECTIONS



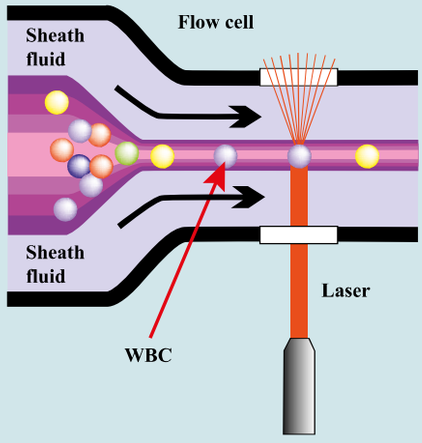
ANALYTICS



- Low aspiration volume 15 µL
- 32 parameters
- Guaranteed dilution accuracy via automatic diluent dispensing
- Advanced platelet analysis (P-LCR, P-LCC, PDW-SD, PDW-CV)
- Automatic floating discriminations

DESIGN

- 3 Angle flow cytometry for high quality WBC differential results



TECHNICAL SPECIFICATIONS

ANALYTICAL MODES
Manual, Predilute, Capillary

TOTAL PARAMETERS
32: WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW-CV, PDW-SD, PCT, P-LCR, P-LCC, Neu%, Lym%, Mon%, Eos%, Bas%, Neu#, Lym#, Mon#, Eos#, Bas#, ALY%*, LIC%*, ALY#*, LIC#*, NRBC%*, NRBC#*

PRINCIPLE OF MEASUREMENT
RBC/PLT/WBC: Electrical Impedance
DIFF: 3 Angle Laser Flow Cytomtery
HGB: Cyanide Free Colorimetry
MCV: Measured
HCT: Calculated

GRAPHICS
3 Histograms (WBC/RBC/PLT)
4 Scatterplots (DIFF x3, BASO)

SAMPLE VOLUME
Whole Blood : 15 µL
CBC Only : 11 µL
Pre-diluted : 20 µL
Capillary : 20 µL

LINEARITY RANGE
WBC (x 10^9/L): 0 - 300
RBC (x 10^12/L): 0.00 - 8.50
Hb (g/dL) : 0 - 25.0
HCT (%): 0 - 67
PLT (x 10^9/L) : 0 – 3000

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: 14 Days

THROUGHPUT
Up to 60 Tests/Hr

QC (L-J, X-BAR)
Yes

DATA STORAGE
50.000 Results with Graphs

DIMENSION (mm)
364 x 498 x 431

WEIGHT (Kg)
26.5

REAGENTS
Erba Dil (20L)
Erba H560 Lyse 1 (200mL)
Erba H560 Lyse 2 (500mL)
Elite H Clean (50mL)

INTERFACES
4 USB + 1 LAN Port

OPERATING ENVIRONMENT
15-30°C
Atmospheric pressure
70kPa~106kPa

POWER REQUIREMENT
A.C.100-240V; 50/60Hz;
≤200VA

* Research use only

H560 ORDER DETAILS

CAT. NO.	REG. NO.	PRODUCT NAME	DESCRIPTION
INS00078	50005451	H560 5	Part Differential

H-SERIES REAGENTS

CAT. NO.	REG. NO.	PRODUCT NAME	VOLUME
HEM00030	50005221	Erba H560 Diluent	20 Litres
HEM00031	50005222	Erba H560 Lyse1	200 mL
HEM00032	50005223	Erba H560 Lyse2	500 mL
HEM00023	50004878	ELite H Clean	50 mL
HEM00024	10020557	ELite H5 CON Low	3 mL
HEM00025	10020558	ELite H5 CON Normal	3 mL
HEM00026	10020559	ELite H5 CON High	3 mL
HEM00027	10020492	ELite H CAL	3 mL

CERTIFIED LR ISO 13485

PRM Medical (Pty) Ltd
76 Skilpad Avenue, Monument Park, Pretoria, 0181
087 265 7919
info@prmmedical.co.za

TOTAL SOLUTIONS FOR CLINICAL DIAGNOSTICS