

TECHNICAL SPECIFICATIONS

ANALYTICAL MODES

Manual, Predilute, Capillary

TOTAL PARAMETERS

24: WBC, RBC, HGB, HCT, MCV MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PCT, PDW-CV, PDW-SD, P-LCR, P-LCC, Mentzer Index & RDWI Lymph%/#, Mid %/#, Gran%/#

PRINCIPLE OF MEASUREMENT

RBC/PLT/WBC/ DIFF:

Electrical Impedance

Hb: Cyanide Free Colorimetry

MCV: Measured

HCT: Calculated

HISTOGRAMS

3 (WBC/RBC/PLT)

SAMPLE VOLUME

Whole Blood : 9 µL

Pre-diluted : 20 µL

Capillary : 20 µL

LINEARITY RANGE

WBC ($\times 10^3/L$): 0 - 300

RBC ($\times 10^6/L$): 0.00 - 8.50

Hb (g/dL) : 0 - 25.0

HCT (%): 0 - 67

PLT ($\times 10^3/L$) : 0 – 3000

CALIBRATOR

ELite H Cal (3mL)

Open Vial Stability at 2-8°C: 7 Days

TRI-LEVEL CONTROLS

Erba H3 CON L, N, H (3mL)

Open Vial Stability at 2-8°C: 14 Days

THROUGHPUT

60 Tests/Hr

QC (L-J, X-BAR)

Yes

DATA STORAGE

50,000 Results with Graphs

DIMENSION (MM)

364x477x417

WEIGHT (KG)

25

REAGENTS

Erba Dil

ERBA Lyse Cyanide Free

ELite H Clean

INTERFACES

4 USB + 1 LAN Port

OPERATING ENVIRONMENT

15-30°C

Atmospheric pressure

70kPa~106kPa

POWER REQUIREMENT

A.C.100-240V;-50/60Hz;

≤200VA

H360 ORDER DETAILS

PRODUCT CODE	PRODUCT NAME	DESCRIPTION
166122	H360	3 Part Differential Analyzer

H-SERIES REAGENTS

PRODUCT CODE	PRODUCT NAME	PACK SIZE (ML)
121740	H 360 Dil	20000
121864	H 360 Lyse	1 x 500
121741	H 360 Lyse	3 x 500
121938	H clean	1 x 50
121939	H clean	4x 50
166340	Erba H3 CON Low	3 mL
166341	Erba H3 CON Normal	3 mL
166342	Erba H3 CON High	3 mL
166092	ELite H CAL	3 mL

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HEM/H 360/12-2025/4PG/V-03/DOM

H360

3 Part Diff Hematology Analyzer

Smart
Solution for
Every Lab



Scan to view
PRODUCT VIDEO



24

24 Parameters
Enhanced patient
care

Making Automation Affordable
for labs Everywhere

9 µL

Supports geriatric
and pediatric
samples



Convenient patient
data review with
customizable reports

USER INTERFACE

- 10.4" Touchscreen
- 50,000 Reports
- 1-click analysis
- 4 USB + 1 LAN Port

REAGENT REGISTRATION

- Full traceability via RFID Inventory management system

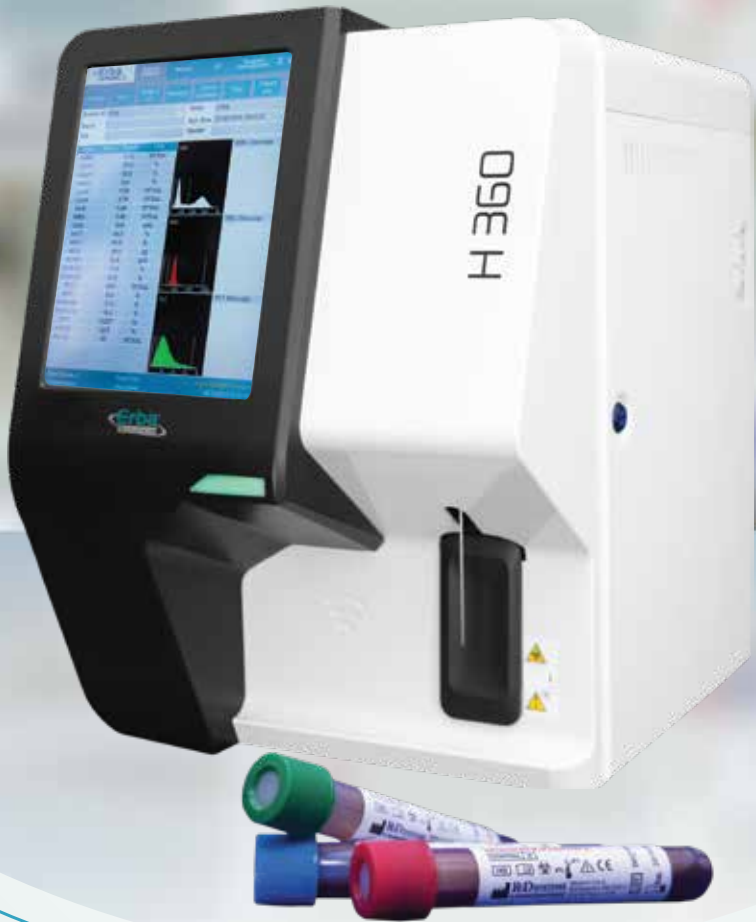
PRECISE & ACCURATE

- Excellent short & long term precision
- Highly accurate results correlating with microscopic examination & clinical findings

ADVANCED SOFTWARE

- Provision to include microscopic investigations such as bands segment, blast, etc. in the printed report
- Consolidated patient reports can be generated for customized parameters such as blood type, Rh blood group, ESR, reticulocyte, CRP along with other reportable parameters

Microscopic Exam Setting		
Parameter Name	Value	
Neutrophilic segmented gran...		Sample Type Capillary
Neutrophilic band granulocyte		
Lymphocyte		Exam Time / /
Monocyte		
Eosinophil		Microscopic Description <div></div> <div>Apply</div> <div>OK</div> <div>Cancel</div>
Basophil		
Plasmacyte		
Atypical Lymph		
Blast		
Promyelocyte		
Neutrophilic myelocyte		
Eosinophilic myelocyte		
Basophilic myelocyte		
Neutrophilic metamyelocyte		
Eosinophilic metamyelocyte		
Basophilic metamyelocyte		
Prelymphocyte		



ADDM

- Unique Auto Diluent Dispensing Mechanism

DESIGN

- Built-in thermal printer

ANTI-CLOG TECHNOLOGY

- Prevent build-up with anti-clog technology

ANALYTICS

- Low aspiration volume 9 µL
- 24 reportable parameters
- Guaranteed dilution accuracy via automatic diluent dispensing
- Advanced platelet analysis Automatic floating discriminations (P-LCR, P-LCC, PDW-SD, PDW-CV)
- Mentzer index and RDWI - Screening indices for IDA and β-Thal

300 FILES WITH L-J GRAPH



MEASUREMENT TECHNOLOGY :

- Impedance Technology to measure WBC/RBC/PLT
- Electrical impedance measures change in electrical resistance produced by a blood cell suspended in conductive diluent as it passes through an aperture

