



HEMATOLOGY ANALYZERS CATALOG

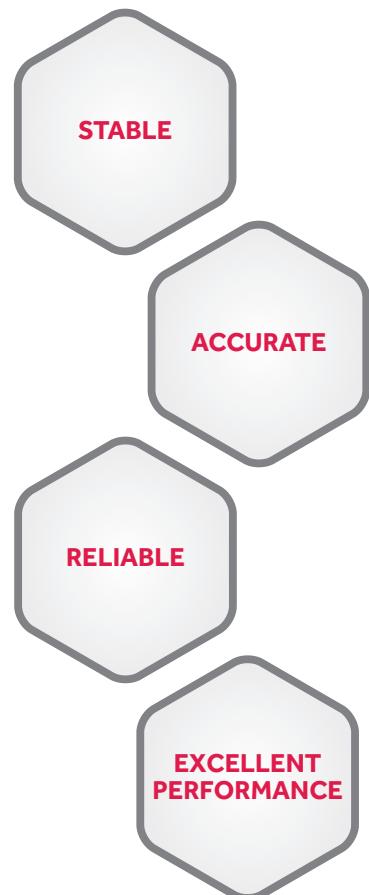
Values your health, values your life



EH 360

AUTOMATIC
HEMATOLOGY
ANALYZER

is designed as an innovative and highly accurate 3-diff hematology analyzer, aimed at delivering unique excellence in sample results.

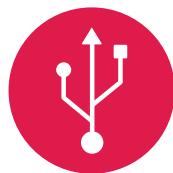



EXCELLENT DATA MANAGEMENT

50,000 records with
3 histograms Bi-directional
LIS with LAN port


**SAVING SPACE
SMALL FOOTPRINT**

Built-in lysate
position


**CONVENIENT
OUTPUT/INPUT**

Internal or external
print 4 USB ports for
external devices


**BARCODE
SYSTEM**

Unique barcode and
reagent management
simplifies laboratory work

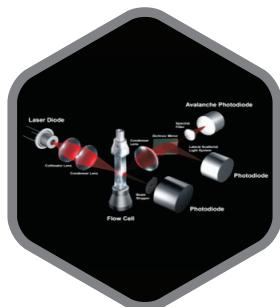
SPECIFICATIONS

Parameters	21 reportable parameters: WBC, Gran#, Lym#, Mid#, Gran%, Lym%, Mid%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC 3 histograms for WBC, RBC and PLT		
Principles	<ul style="list-style-type: none"> Electrical Impedance method for WBC, RBC and /PLT tests Cyanide free colorimetry for HGB test 		
Reagent	Plasma Diluent EH (20 L); Stromalyse EH (500 mL)		
Sample Mode	Whole blood, Capillary blood and Pre-Diluted		
Repeatability	WBC $\leq 2.0\%(7.0-15.0 \times 10^9/L)$ $\leq 3.5\%(4.0-6.9 \times 10^9/L)$ RBC $\leq 1.5\%(3.50-6.50 \times 10^{12}/L)$	HGB $\leq 1.5\%(100-180g/L)$ MCV $\leq 0.5\%(70.0-110fL)$ PLT $\leq 4.0\%(150-500 \times 10^9/L)$ $\leq 5.0\%(100-149 \times 10^9/L)$	WBC: 0.00-300 $\times 10^9/L$ RBC: 0.00-8.50 $\times 10^{12}/L$ HGB: 0-250g/L PLT: 0-3000 $\times 10^9/L$ HCT: 0.0 -67%
Display	10.4 inches TFT touch screen		
Dimension	364mm(W)-477mm(H)-417mm(D)		
Throughput	Up to 60 tests per hour		
Sample Volume	9 μL		
Storage	Up to 50,000 records		
Linearity Range	WBC: 0.00-300 $\times 10^9/L$ RBC: 0.00-8.50 $\times 10^{12}/L$ HGB: 0-250g/L		
Net Weight	26 kg		
Data Transmission	Bi directional LIS with LAN port		
Power Requirement	100V-240V ~, 50/60Hz		

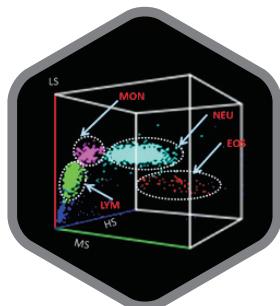
EH 590

AUTOMATIC
HEMATOLOGY
ANALYZER

ensure a reliable instrument performance with stringent material selection and intelligent design of system components.



Tri-angle Laser Scatter



Rotatable 3D Scattergrams



Advanced Flow Cytometry


CAPILLARY BLOOD SAMPLING

SAMPLE LOADING

PATIENT-REPORTED OUTCOMES

EXCELLENT DATA MANAGEMENT

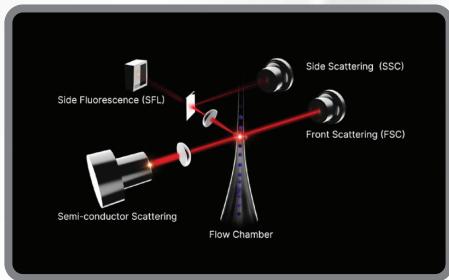
SPECIFICATIONS

Parameters	25 reportable parameters: WBC, Neu#, Lym#, Mon#, Eos#, Bas#, Neu%, Lym%, Mon%, Eos%, Bas%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC 4 research parameters: ALY#, ALY%, LIC#, LIC% 3 histograms for WBC, RBC and PLT One 3D scattergrams and three 2D scattergrams for WBC differentiation	Throughput	Up to 90 tests per hour	
Principles	<ul style="list-style-type: none"> Electrical Impedance method for WBC/BAS count and RBC/PLT tests Cyanide free colorimetry for HGB test Laser-based flow cytometry for WBC differentiation 	Sample Volume	20 µL	
Reagent	Plasma Diluent 590 (20 L); Lyse EH 1 (500 mL); Lyse EH 2 (500 mL); Lyse EH 3 (1000 mL)	Storage	Up to 100,000 records	
Sample Mode	Whole blood, Capillary whole blood and Pre-diluted	Linearity Range	WBC: 0.00-300 x 10 ⁹ /L RBC: 0.00-8.50 x 10 ¹² /L HGB: 0-250g/L	
Repeatability	WBC ≤2.0%(4.0-15.0 x 10 ⁹ /L) RBC ≤1.5%(3.5-6.0 x 10 ¹² /L) HGB ≤1.5%(110-180g/L)	MCV ≤1%(70-120fL) PLT ≤6.0%(100-149x 10 ⁹ /L) ≤4.0%(150-500 x 10 ⁹ /L)	Net Weight	57.5 kg
Dimension	650mm(W)-550mm(H)-610mm(D)	Data Transmission	Support bi-directional LIS	
		Power Requirement	100V ~ 240V, 50/60Hz, ≤250VA	

EH 6100

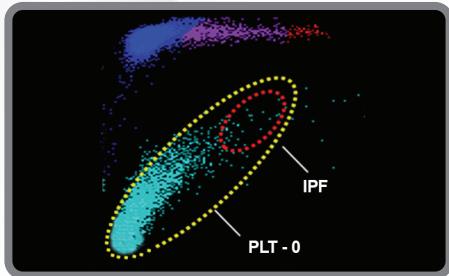
AUTOMATIC
HEMATOLOGY
ANALYZER

Comprehensive, High - quality
Hematology Solutions



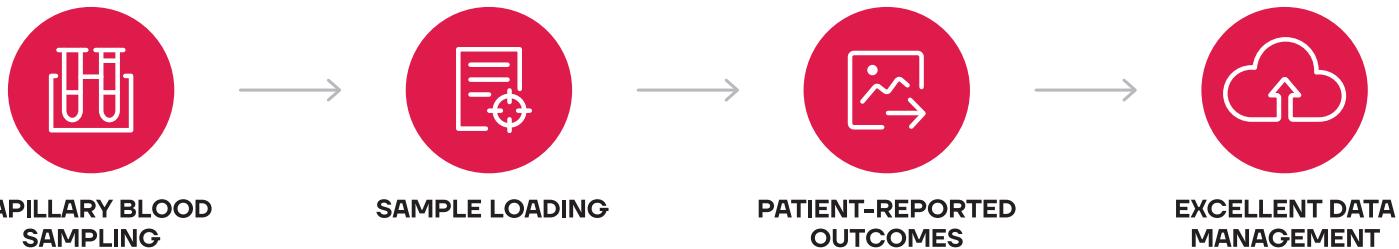
CBC + DIFF / RET:

Semi-conductor Laser scattering &
Fluorescent method & Flow cytometry method
WBC/RBC/PLT counting: Impedance method
HGB: Cyanide-free colorimetry method



Comprehensive technologies for
PLT with impedance & optical method





SPECIFICATIONS

Parameters	35 reportable parameters: WBC, Neu#, Lym#, Mon#, Eos#, Bas#, IG#, Neu%, Lym%, Mon%, Eos%, Bas%, IG%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC, IPF, RET#, RET%, LFR, MFR, HFR, IRF, RHE 29 research parameters: Two 3D scattergrams & Eight 2D scattergrams & Three histograms		
Principles	<ul style="list-style-type: none"> CBC+DIFF/RET: Laser scattering & Fluorescent method & Flow cytometry method WBC/PLT counting: Impedance method HGB: Cyanide-free colorimetry method 		
Reagent	Plasma Diluent-N (20 L); Plasma Diluent-R (1000 mL); Lyse-G (500 mL); Lyse-D (1000 mL); EH 6100 FDN-D (22 mL); EH 6100 FDN-R (12 mL)		
Sample Mode	Venous whole blood, capillary blood		
Repeatability	WBC \leq 2.5%(4.0-15.0 \times 10 ⁹ /L) RBC \leq 1.5%(3.5-6.0 \times 10 ¹² /L) HGB \leq 1.0%(110-180g/L)	HCT \leq 1.5%(30.0-50.0) MCV \leq 1%(70-120fL) PLT \leq 4.0%(100-500x 10 ⁹ /L)	HCT: 0.0-75.0 % PLT: 0-5000 \times 10 ⁹ /L HCT: 0-30.0 %
Display	12.1 inches color screen		
Dimension	665mm(W)-870mm(H)-820mm(D)		
Throughput	Up to 100 tests per hour		
Sample Volume	CBC: 20ul; CBC+DIFF: 30ul; CBC+DIFF+RET: 35ul (Whole blood)		
Storage	Up to 150,000 records		
Linearity Range	WBC: 0.00-500 \times 10 ⁹ /L RBC: 0.00-8.60 \times 10 ¹² /L HGB: 0-260g/L		
Net Weight	100 kg		
Data Transmission	Bi-directional LIS supported		
Power Requirement	AC 100V ~ 240V (50-60Hz)		

Euroassay Hematology Analyzers are designed for excellent performance, high reliability, and streamlined automation, making them easy to use while ensuring effective patient care and quality control (QC).

All of these features are geared towards optimizing laboratory operations and ultimately leading to better patient outcomes.



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