

Specifications

Parameters : WBC, LYM#, MID#, NEUT#, LYM%, MID%, NEUT%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR.	Data Management : <ul style="list-style-type: none"> • Easy to check history result • Supports LIS • Easy data transmission • Barcode reader - Handheld (Optional)
Sample Mode and Aspiration Volume: <ul style="list-style-type: none"> • Venous Blood - 10µL • Capillary Blood - 10µL • Prediluted Blood - 20µL 	Input /Output : <ul style="list-style-type: none"> • Keyboard • Mouse • RS232 Serial port
Throughput : 60 Samples /hour	QC Mode : 3 level QC, L- J graph
Principle : <ul style="list-style-type: none"> • Impedance for cell counting • Cyanide free method for HGB 	Printer : Inbuilt thermal printer, can be connected to be an external printer
Memory : 1,00,000 samples	Clog Clear : High voltage and high pressure flush
Display : 8 inch Liquid crystal display Touch screen resolution: 800*600	Voltage : 100-240 AC , 50/60Hz
Reagent system : 2 reagents (Lyse and Diluent)	Dimension: 410mm x 435mm x 472mm
Cleaner: E-Z Cleaner, Probe wash	Net Weight : 21 Kg
Calibration Mode : Auto Mode & Manual Mode	Reference Range Type : Newborn, children, male, female and general.

GREAT CHEMISTRY

AGD300

Fully Automated Hematology Analyzer



Sub Distributor



Add : Jl. Pondok Cibubur, No.133
Cisalak Pasar, Cimanggis,
Depok - 16452
Tel: (021) 877 58923
Fax : (021) 877 52720

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Email : admin@medista-utama.com
Web : https://medista-utama.com

ISO : 9001 : 2015
ISO : 13485 : 2016



Software



Performance

Parameters	Repeatability
WBC	≤ 2.0%
RBC	≤ 1.5%
HGB	≤ 1.5%
MCV	≤ 0.4%
PLT	≤ 4.0%

Linearity

Parameters	Measuring range
WBC	0.0-99.9 x 10 ³ /μL
RBC	0.0-9.99 x 10 ⁶ /μL
HGB	0.0-30g/dL
MCV	2-250fL
PLT	0-3000 x 10 ³ /μL

Features

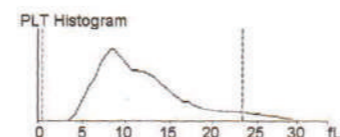
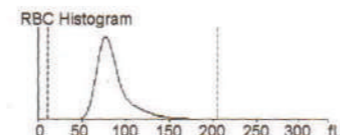
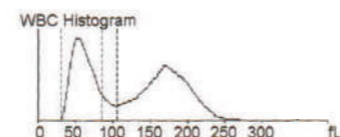
- Automatic startup, electronic rinsing and background count check
- Accurate and reliable result for whole blood and predilute mode
- Separate Neutrophil population data useful for better patient management
- Storage Capacity up to 1,00,000 samples results, including histograms
- Monitoring & Flagging functions for reliable reporting
- Automatic alarm for maintenance

HEMATOLOGY REPORT

NAME: ABC NO.:180730108
 Gender: male TIME:2018-07-30 11:19
 AGE:30 year SAMP:Venous
 DEPT:hemat RCRD:1234
 BED:100 DOCT:Dr.pawar

Para	Results	Limits	Alerts
WBC	6.8 x10 ⁹ /L	4.0-10.0	
LYM%	38.4 %	20.0-40.0	
MID%	4.9 %	1.0-15.0	
NEUT%	56.7 %	50.0-70.0	
LYM#	2.6 x10 ⁹ /L	0.6-4.1	
MID#	0.3 x10 ⁹ /L	0.1-1.8	
NEUT#	3.9 x10 ⁹ /L	2.0-7.8	
RBC	4.37 x10 ¹² /L	3.50-5.50	
HGB	12.0 g/dL	11.0-16.0	
HCT	36.6 %	36.0-48.0	
MCV	83.8 fL	80.0-99.0	
MCH	27.4 pg	26.0-32.0	
MCHC	32.7 g/dL	32.0-36.0	
RDW-SD	37.2 fL	37.0-54.0	
RDW-CV	11.8 %	11.5-14.5	
PLT	175 x10 ⁹ /L	100-300	
MPV	10.4 fL	7.4-10.4	
PDW	16.4 %	10.0-17.0	
PCT	0.18 %	0.10-0.28	
P-LCR	39.8 %	13.0-43.0	

BLOOD:B



Benefits to join AGD family

- Presence of 2 decades in the field of Hematology
- Extensive service and application support
- Convenient stock points for uninterrupted supply of consumables
- Economical service and cost per test

Anti-clog design



- Aspiration hole is on the side
- Eliminates Air bubbles and clogs

User-friendly software for better interactive communication with instrument

Eight inch touch screen for easy operation

Automatic & manual print with inbuilt Thermal printer

Accurate result with reliable hardware design & intelligent single click analysis

