

HEMA - 3500

Fully Automated 5 Part Diff Hematology Analyzer



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

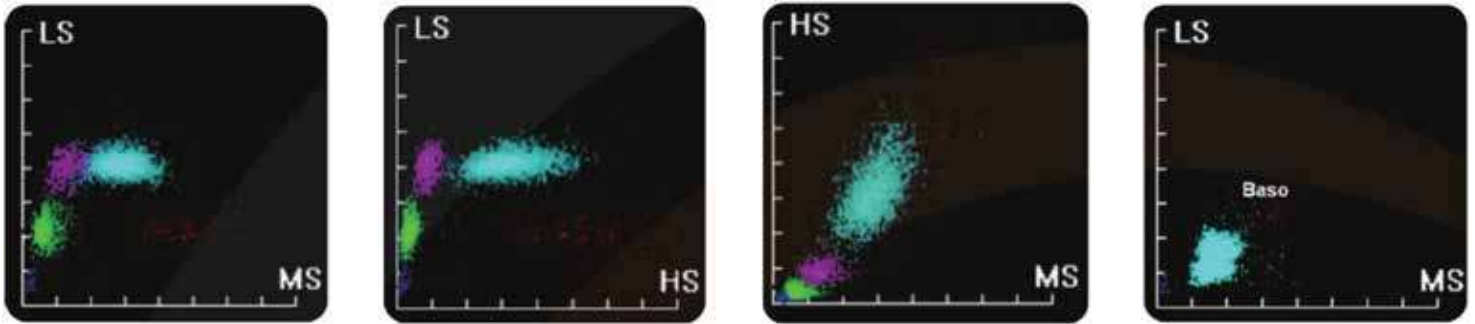
Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Technology

- Gold Standard flow cytometry
- Innovative Tri-angle (LS- Low angle, MS - Mid angle, HS - High angle) laser scattering
- Basophil differentiation by laser scattering



►► Intuitive Software

- Offering flag information for better diagnosis
- Automatic monitoring of reagent
- Smart Maintenance with one click for troubleshooting

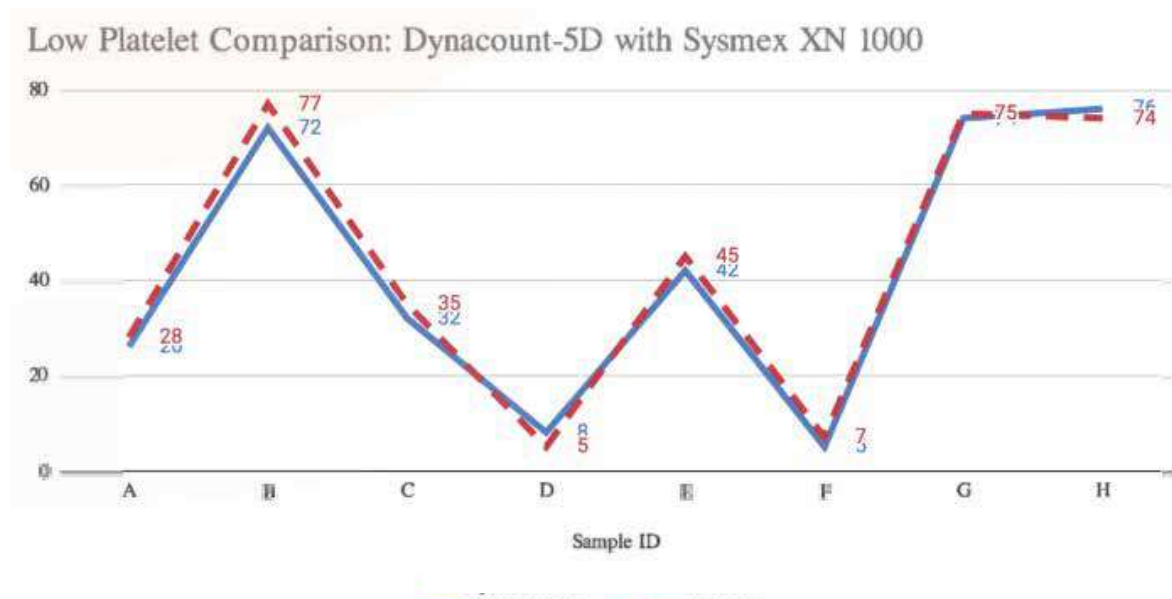


►► Accuracy and Reliability

- Guaranteed Integrity of results

Table showing the validation study performed against HEMA 3500, indicating excellent correlation

Comparison with HEMA 3500					
Parameters	Number of Samples (Total)				%Correlation
	Normal	Low	High	Total	
WBC	480	17	69	566	98.60%
EOS %	509	0	57	566	96.00%
BASO %	530	0	36	566	97.80%
MONO %	469	0	97	566	95.00%
LYM %	440	99	27	566	96.80%
Neu %	518	16	32	566	98.40%
RBC	435	124	7	566	97.00%
PTL	406	123	37	566	96.50%
HB	294	251	21	566	98.00%



Graph representing good low platelet comparison

►► Efficiency Matters

- **Inbuilt LCD Display** : Convenience of usage
- **Minimum Footprint** : No space constraints
- **3 Reagents for testing** : Advanced technology
- **Robust Hardware** : Trouble free and Easy Maintenance

►► Technical Specification

Throughput	60 samples per hour
Parameters	
Routine	25
	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)
Research parameters	4 (ALY%, LIC%, ALY#, LIC#)
Graphics	2 histograms for RBC and PLT , 4 Scattergrams for WBC differential
Sample Volume	Whole blood - 20 µL- , Prediluted mode - 20 µL
Analysis mode	CBC, CBC + Diff
Display	10.4-inch touch screen LCD
Data Storage	50,000 Samples results with Scattergrams and Histograms
Quality Control	3 level QC, U, XB
Foot print	430mm(L) X 350mm(W) X 435mm(H)

►► Performance Characteristics

Parameters	Precision (CV)	Linearity
WBC	≤ 2.0%	(0-100.0x10 ⁹)/L
RBC	≤ 1.5%	(0-8.00x10 ¹²)/L
PLT	≤ 4.0%	(0-1000x10 ⁹)/L
MCV	≤ 1%	(0-250)f/L
HGB	≤ 1.5%	(0-250)g/L

►► Miscellaneous

LIS Connectivity

Bidirectional



Ready*

Yes

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

Our Products & Technologies



UV/VIS
Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical
Foundation

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.



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