

HEMA-3500

Hematology Analyzer



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

- **X5 CRP is a 3-diff & CRP detection all in one Hematology Analyzer, it can be swithed freely to 3-diff mode or 5-diff mode according to the requirment of user.The CRP function can be detected in both 3-diff and 5-diff model.**



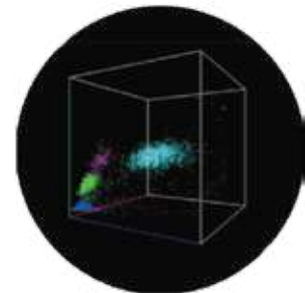
- 15.6 high resolution LCD touch screen.
Clear display and reduced misuse.
Ten-point touch high-end capacitive screen supports glove operation.

- Innovative design, the display can be rotated 90 degrees, convenient and flexible, even in a narrow space layout,you can get a perfect operating experience.

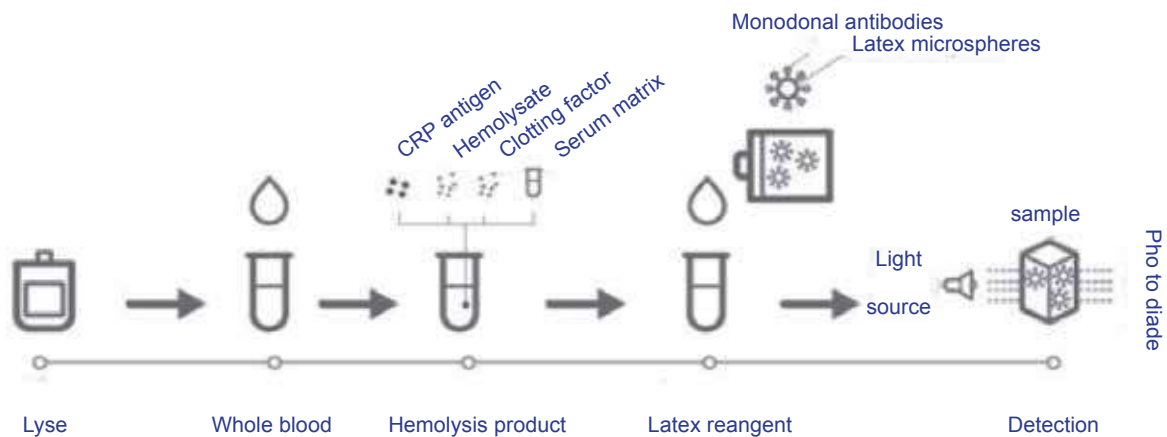


- ATL Supporting reagent s and RFID reagent management, independent research and development reagents and instrument characteristics, the detection effect is better and more accurate. The RF technology reagent management system can monitor reagnt volume, expiration date,and reagent reminder replacement.

- The first innovation dynamic 3D scattergram automatically 720- degree rotation in all directions, without manual operation, clearer boundaries,and more accurate abnormal cell prompts.



- Built- in CRP refrigerating reagent system,independent power supply, 24 hours uninterrupted refrigeration,easy access to reagents.And there is a foolproof design,R1 and R2 will not confuse misplacement.The kit uses RF sensing technology to automatically read reagent information, plug and play, convenient and fast.



- Lat ex- enhanced immunoturbidimetric detection of CRP has higher detection sensitivity,wider linear range and fast detection speed than chemistry method.
- Independent lyse reagent cartridge built-in design,Reduce the occupation of the countertop and make the countertop more tidy.User operation is more convenient.



- A small amount of peripheral blood can complete blood routine test + CRP test,blood routine test only needs 16ul,CRP only needs 10ul to complete the test,the detection speed is fast,and compatible with venous whole blood,peripheral whole blood and pre-dilution blood

►► Parameters

» Detection principle

Semiconductor laser scattering flow cytometry + cytochemical staining (WBC + DIFF), Electrical impedance method (WBC / RBC / PLT), Cyanide-free colorimetry (RGB), Latex-enhanced immunoturbidimetry (CRP).

» Analying Mode

3DIFF,5DIFF,CBC,CRP,3DIFF+CRP,5DIFF+CRP,CBC+CRP

» 5-diff Parameters

30 parameters (including 4 research parameters) , 4 scattergram, 3 histogram
WBC,Neu% ,Lym% ,Mon% ,Eos% ,Bas% , Neu# , Lym# ,Mon# ,Eos# ,Bas# ,RBC,HGB,MCV, MCH,MCHC,RDW-CV,RDW-SD,HCT,PLT,MPV,PDW,PCT,P-LCR,P-LCC,CRP

» **3-diff Parameters**

22 parameters, 3 histogram

WBC,LYMP#,Mid#,Gran#,Lymph%,Mid%,Gran%,RBC,HGB,MCV,MCH,MCHC,RDW-CV,
RDW-SD,HCT,PLT,P-LCC,MPV,PDW,P-LCR,PCT,CRP

» **Research parameters**

ALY%,LIC%,ALY#,LIC#

» **Scattergram**

1 Dynamic three-dimensional scattergram, 3 two-dimensional scattergram

» **Histogram**

WBC/BASO histogram, RBC histogram, PLT histogram

» **Detection speed**

60 samples per hour

» **Blood**

Whole blood, Peripheral blood, Pre-diluted blood

» **Sample consumption**

Whole blood 16ul, pre-diluted blood 20ul, CRP 10ul

» **Data**

LIS system automatic bi-direction transmission management,
100,000 sample datas storage

» **QC method**

L-J , X mean,X mean-R, X-B

»» **Working Condition**

» **Input voltage**

AC 100V~240V 50/60HZ

» **Input power**

≤300 VA

» **Temp requirment**

15 °C ~30 °C

» **Humidity**

30%~85%

» **Atmospheric pressure**

70 kPa~106 kPa

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.

Reach us @



 **Analytical**®
Technologies Limited

HPLC Solutions MultipleLabs Analytical Bio-Med Analytical Distributors Analytical Foundation (Trust)

Corporate & Regd. Office:
Analytical House, # E67 & E68,
Ravi Park, Vasna Road, Baroda,
Gujarat 390 015. INDIA

T: +91 265 2253620
+91 265 2252839
+91 265 2252370
F: +91 265 2254395

E: info@hplctechnologies.com
info@multiplelabs.com
info@analyticalgroup.net
info@analyticalbiomed.com

W. www.analyticalgroup.net
www.hplctechnologies.com
www.multiplelabs.com
www.ais-india.com

Sales & Support Offices:
across the country :
Distributors & Channel
partners World Wide