







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

# **Analytical Technologies Limited**

An ISO 9001 Certified Company

www.analyticalgroup.net



#### **>>** Characteristics:

- 21 Parameters with P\_LCC, P\_LCR and ABC, WBC, PLT histograms
- Throughput up to 60 samples per hour with double chambers design
- Impedance method for WBC, ABC and PLT
- Photoelectric colorimetry method for HGB with cyanide free reagent
- Micro sample volume at 10µL for whole blood mode and 20µL for Pre-diluted mode
- On board storage capacity of 100,000 samples with 3 histograms
- Reagent close system with external bar code scanning or key in
- Four kinds of QC modes: L-J, X, X-R and X-B
- Support USB data backup & system upgrade
- Built-in thermal printer
- LIS and HIS available with HL7 protocol



#### **>>** Specification:

Touch/Functional keyboard & mouse:	10.4 inches color LCD resolution 800*600			
	RBC/PLT	1:40000	1:45000	
	WBC/HGB	1:232	1:400	
Dilution Ration:		Whole blood	Capillary blood	
Alarms:	Error messages			
Data storage:	More than 100,000 sample results with histograms			
Throughput:	60 samples per hour			
Aperture Diameter:	WBC 100μm,RBC/PLT 68μm			
Aspiration volume:	Whole blood 10µL,Pre-diluted 20µL			
	HGB: Photoelectric colorimetry			
Parameters: Principles of operation:	WBC/RBC/PLT: Electrical Impedance			
	3-part differentiation of WBC, 21 parameters and 3 histograms			
	RDW-SD, PL T, MPV, PDW, PCT,P-LCR,P-LCC			
	GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV,			
	WBC, LYM#, MID#, GRAN#, LYM%, MID%,			

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Control and calibration:	L-J,,X,X-R,X-B four control modes,manual and		
	auto-Calibration		
Dimension:	530mm(L) x 330mm(W) x 460mm(H), about 28 kg		
Power requirement:	AC 100-240V, 50/60Hz, 180VA		
Input/Output:	Support RS232, standard network port and USB		
	Shortcut keys with standard mouse and keyboard		
	Internal 57mm thermal printer,		
	Parallel Port and USB for external printer		

#### **Accurate and Precise Results**

- Proven impedance measurement technology
- Auto internal & external cleaning for aspiration probe
- High precision syringes
- 68 urn and 100 urn ruby aperture

#### Easy to Use

- Large color LCD with high resolution
- 5 shortcut operation keypads
- Working status indicator light
- Mouse and keyboard connection for patient data input
- Identifiable color reagent connection design

#### **Cost-effective**

- Tidy fluid system with low reagent consumption
- Flexible reagent packaging from original manufacturer
- 30+ reagent join venture manufacturer worldwide

#### Low and Easy Maintenance

- Special self-checking function at initializing period
- Auto clog removing by aperture cauterizing and flushing
- Self-cleaning according to user setting
- Error messages
- Openable front panel and side door

#### **Nearly Perfect Software function**

- Friendly interface and illustrated icons
- On board storage upto 100,100
- L-J, X, X-R and X-B QC methods
- Support LIS and HIS connection
- Mutli-language operation system is tailor-made

#### **Reliable Spare Parts Quality**

- Well-known globe spare parts suppliers
- High performance PCB board from fully automatic assembly
  line
- Individual quality control management for each single component

#### International Standard Certificate and Registration Documents

- CE, FSC, clinical test report, risk analysis report
- Others

03

#### **Professional Technical Support**

- Entire life cycle service solution
- Door-to-door visiting for complicated unsolvable problems
- Provide qualification certificate to skilled engineer



# HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicin	ng :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 Maintenace 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.



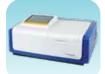


#### **About Analytical Technologies**

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, Manufaturing, 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**

Infra FTIR







**Optical Emission** Spectrophotometer



DSC/TGA



Optima Gas Chromatograph 3007







Semi Auto Bio





HEMA 2062 Hematology

Optima Gas

Chromatograph

2979 Plus



Chromatograph

Micro Plate

Reader/Washer





Atomic Absorption

Spectrophotometer

URINOVA 2800

Urine Analyzer



Liquid Partical Counter



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**

Foundation

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

1.Research & Innovation Scientist's awards/QC Professional Award : Quality life is TΜ possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personallities 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 Analytical 2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

etc.

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



# Analytica

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