

# NOVA - 2021

## Semi-Automatic Chemistry Analyzer



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

## ►► Features

- 7 inch Color LCD, Touch screen
- Flow cell and Cuvette test mode compatible
- Real time curve showing
- 7 wavelength, 90 test item pre-programmed
- Memory for 10,000 sample results
- Light source hibernate function making lamp life longer
- RS232 interface, PC connecting

## ►► Specification

- Test mode : Kinetic, End point, Two point, Absorbance
- Wavelength : 7 standard filters, 340, 405, 492, 510, 546, 478, 630 nm, 1 free position
- Wavelength precision :  $\pm 2$  nm, width  $\leq 10$  nm
- Absorbance range : 0-4.500 Abs
- Absorbance precision : outside 0.001 Abs, inside 0.00001 Abs
- Carry over :  $< 1\%$
- Repeatability CV :  $< 1\%$
- Incubator : 37°C, 30°C, 25°C and others, Precision :  $\pm 0.1$  °C
- Sample volume : 0-3000 uL (500uL recommend)
- Data Storage : 10000
- Quality control curve : X- SD CV% L-J quality control curve for every test item
- Flow cell : 32uL quartz glass, 10 mm
- Lamp : 6V 10W Halogen Lamp with long life
- Screen : 7 inch color LCD
- CPU : ARM series high speed micro CPU
- Interface : RS-232
- Work Environment : Temperature 0 °C ~ 40 °C , Humidity : 80%
- Power supply : 100~240VAC, 50-60Hz, 100VA
- Dimension (L\*W\*H) : 340\*270\*160
- Weight : 5 KG

## ►► Test list

- **Liver function** : ALT ASt ALP T-BIL TP ALB TTT CHE Nh
- **Renal function** : BUN CRE UA URE CO2-CP V-GT
- **Lipids** : T-CHO TG HDL-C LDL-C
- **Cardiac Function** : CK CK-MB LDH
- **Immune proteins** : IGA IGG IGM C3
- **Others** : GLU HGB AMS

## 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 Partical  
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**

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

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](mailto: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 @



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