

Automatic Biochemistry Analyzer

Nova - 3084



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

▶▶ Instrument Performance :

Instrument Type :	Discrete
Throughput :	Constant 420 T/H, 600 T/H with ISE
Test Method :	One-point end, two-point end, rate (kinetic), two points rate, mono/double wavelength, eliminate reagent and sample blank, immunoturbidimetry.
STAT function :	Specific emergency positions

▶▶ Sample System :

Sample Disk :	78 sample positions (including routine, calibration, QC and STAT), diverse of tubes and specific sample cup supported.
Collision Detection :	3D detection and results save.
Sample Probe :	High polishing probe, automatic liquid level detection and tracing.

▶▶ Reagent System :

Reagent Disk :	80 positions compatible with several types of bottles.
Cooling System :	2~8°C 24h non-stop cooling system
Washing System :	Warm water washing both inner and outer of the probe.
Reagent Probe :	High polishing probe, automatic liquid level detection and tracing.

▶▶ Optical System :

Light Source :	Long life halogen lamp.
Optical System :	Whole sealing, static, Array and rear spectrophotometry optical system; Ten wavelengths.

▶▶ Reaction System :

Reaction Cuvette :	90 high quality hard UV cuvettes.
Washing System :	8-needle 10-step warm water washing.
Waste System :	Waste full alarm.
Mixing System :	2 stand-alone mixers.
Reaction Volume :	Minimum 150ul.
Heating System :	Air bath heating 37±0.1°C

▶▶ Calibration and QC :

Calibration :	One point linear, two points linear, multi-points linear, Logit-Log4P, Logit-Log5P, Exponential etc.
QC :	QC tests can be added at any time.
QC rules :	Westgard multi-rules, Levey-Jennings rules and diverse levels of QC.

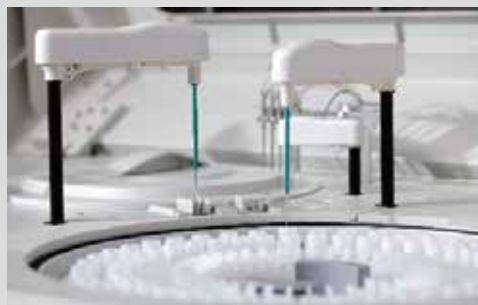
▶▶ Operation System :

Operation System :	Windows 7, 8, 10
Testing Sequence :	Customized test priority.
User Mode :	Hospital mode, blood bank mode, physical examination center etc.
Data Management :	Bi-directional LIS/HIS system.
Report :	Various print formats.
Data Storage :	Unlimited.

▶▶ Others :

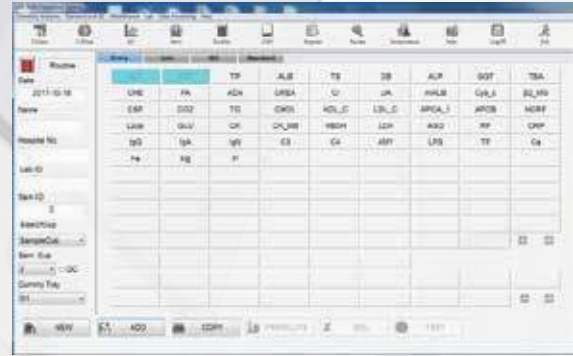
Dimension :	950mm* 640mm* 1110mm (L* W* H)
Weight :	170Kg
Water Consumption :	≤12L/H

- New generation, new technology, prominent performance
 - Constant 420 T/H, 600 T/H with ISE
 - 78 sample positions, 80 reagent positions, and 90 reaction cuvettes
 - 24 hours non-stop, 2~8°C constant ice-free cooling system
 - Whole sealing, statics, array and rear spectrophotometry optical system; high resolution filter and halogen light with strong intensity.
 - Washing station collision detection.
 - User-friendly software, easy operation.
 - Bi-directional LIS/HIS system.
- ▶▶ **Utilize platform distribution save more laboratory space.**
- Double disks, double probes and double mixers reduce the instrument volume about 30% comparing with the previous generation models.
 - Modularized instrument, easy maintenance and upgrade.
- ▶▶ **Utilize optical system ensure results accuracy.**
- Whole sealing, statics, array and rear spectrophotometry optical system.
 - Simultaneous ten wavelengths double wavelength detection.
 - Long life halogen lamp with cycling water cooling, hibernate function.
- ▶▶ **Utilize temperature control system keep chemical reaction stable.**
- 24 hours non-stop, 2~8 °C constant ice-free cooling system.
 - Air bath heating system.
- ▶▶ **Utilize core configuration increase work efficiency.**
- 90 reusable UV reaction cuvettes with high intensity, erosion-free etc.
 - Additional washing for cross-contamination items
 - Support primary blood tube, standard cup and diverse types of serum cup.



▶▶ **Data Management Mode :**

- Multiple modes to choose, hospital, blood bank, physical examination center etc.
- Strictly clarify users permissions.
- Stable backup and recovery function.
- Diversified and customized printing formats.
- LIS/HIS bi-directional data system.
- Measuring points re-allocation, enzyme linear, high concentration sample auto-dilution, real-time monitoring reaction process.

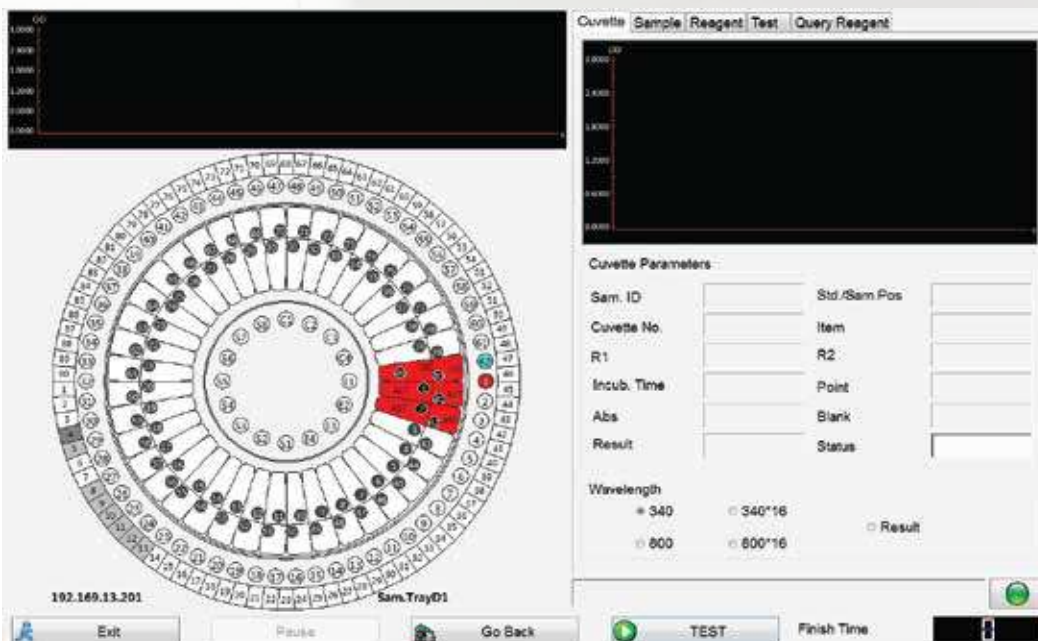


▶▶ **Friendly Real-time Monitor :**

- Intelligent alarm, re-test, and automatic dilute exceed-linear, substrate exhausted samples
- Monitor reaction process, and save reaction curve. Provide dedicated support to results analysis.
- Real-time monitor & alert the remaining volume of sample/reagent

▶▶ **Original Manufacturer Reagent :**

- CL-100K purification, high capacity (1 million boxes annually), automatic reagent production line
- Adopt international technique, use high quality imported original material, ensure the reagent stability and reliability.
- Ready to use, no need to resolve.
- Traceable 20 multi-calibrators and multi-QC.



▶▶ **Servicing, Validation, Trainings and Preventive Maintenance :**

- Servicing : We have team of service engineers who can attend to any make of instrument promptly @the most affordable cost.
- Trainings :We also take up preventive maintenance to reduce downtime of instrument's Trainings.
- AMC's/CMC : We offer user training both in-House and at customer sites on instrument principles, operations, troubleshooting.
- Validations : We have protocols for carrying out periodic Validations as per GLP/ GMP/USFDA norms.
- 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 globe. 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 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 @



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