







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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net



Main Features

- Synchronous bidirectional control with touch screen on the GC 2979N
- The 7-inch color touch screen on the GC 2979N can display the flow rate and pressure value of the electronic gas path.
- The multi core, 32-bit embedded hardware system ensures the reliable operation of the instrument.
- One key start up function.
- The extendable synchronous external trigger function can initiate GC-2979N and workstation through external signals, such as automatic sampling device, thermal analyzer and so on.
- The instrument has sound system self-checking function and malfunction automatic identification function.
- The instrument has 8 external event interface with extendable functions, which can work with a variety of functional control valve, performing according to the set timing.

02

- The memory function can store 20-sample test modes.
- Communication port and LAN port.

>> Oven :

- Inside capacity: 22L
- Temperature range: room temperature up 5°C 400°C
- Temperature accuracy: ±0.1 °C
- Temperature programming: 9 step
- Program Total Time: 9999.9 min
- Max heating rate: 0.1 60°C/min
- Max cooling rate: ≤ 10mins(250°C 50°C)

Sample Injector :

- Temperature range: room temperature up7°C ~ 420°C
- Temp control type: independent
- Carrier gas flow control type: constant pressure
- Max quantity: 3PCS
- Type: Packed column or split
- Split ratio: display
- Pre column pressure range: 0-400kpa
- Pre column pressure accuracy: 0.1kpa
- Flow setting range: H₂ 0-200ml/min H₂ 0-150ml/min



Detector :

- FID or TCD
- Temperature Range: room temperature up 7 °C ~ 420 °C
- Max installation Qty. : 2
- Ignition model: automatic
- Hydrogen Flame Ionization Detector (FID):

Logarithmic amplifier High Voltage Switch Control Baseline singnal display Detection limit: $\leq 3x10^{-12}$ g/s (sample: n-hexadecane) Baseline noise: $\leq 6x10^{-13}$ A Baseline draft: $\leq 6x10^{-13}$ A Dynamic range: 10^7 RSD: $\leq 3\%$

• Thermal Conductivity Detector(TCD):

Sencitivity: 8000mV.ml/mg(sample: n-hexadecane) Baseline noise: ≤0.05mV Baseline draft: ≤0.15mV/30min Dynamic range: 10⁵

03

>> Overall Dimension & Weight :

- Power: 220V ± 22V, 50Hz ± 0.5Hz, 3000W
- Overall Dimension: 1020 x 660 x 740 (mm)
- G.W. : 82kg
- N.W. : 70kg



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

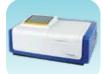




About Analytical Technologies

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







Optical Emission Spectrophotometer





Chromatograph 3007



Semi Auto Bio Chemistry Analyzer



Chromatograph 2979 Plus



HEMA 2062 Hematology Analyzer



Micro Plate Reader/Washer



Flash

Chromatograph



Atomic Absorption

Spectrophotometer

URINOVA 2800

Urine Analyzer





Carbon 3800



Fully Automated CLIA



DSC/TGA

PCR/Gradient PCR/ RTPCR

TOC Analyzer

Laser Particle Size Analyzer

Ion Chromatograph

Water purification system

Liquid Partical Counter

Total Organic



Regulatory compliances



Corporate Social Responsibility

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 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

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

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





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