

NMG - 3000

Nitrogen Membrane Generator including
Collision Cell Gas



Drying-Gas Supply
(95 % - 99.7 %):



Collision-Cell Gas Supply
(99.9995 %):

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

Analytical Technologies Limited

An ISO 9001 Certified Company

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►► Features:

- Provides nitrogen in both purities: 99.7 % and 99.9995 %
- No need for nitrogen bottles
- Separate outlets for drying gas and collision cell gas (optional)

►► Applications :

- LC/MS with collision cell (N2)

Drying-Gas Supply (95 % - 99.7 %):

Nitrogen with 99.7 % purity is achieved by wear-free system, no vibration and totally noiseless.

Collision-Cell Gas Supply (99.9995 %):

The collision cell requires ultra-high purity gas, which is usually supplied by bottled nitrogen. This common source needs additional installation to storage high pressure bottles properly. Also, additional services and trainings are requested due to complex operation and safety concerns regarding cylinders.

The NMG-3000 series was developed to offer end users a suitable, safe and reliable solution. This series provides high pure nitrogen which is safely and locally produced to attend drying gas and collision cell gas requirements, as well.

The NMG-3000 is outfitted with an additional purification unit based on adsorption and a catalytic system. It provides nitrogen with 99.9995 % purity that is free of moisture, hydrocarbons and CO₂ as required by collision cell without necessity for bottled nitrogen.

The nitrogen generator has an output on the back for drying gas and an additional collision gas output. Additional outlets are available to be set and customized as customer request.

►► Specification :

Features	NMG 3022 <i>Single LCMS workplace</i>	NMG 3033 <i>Two LCMS workplaces</i>
Purity	Drying-Gas: 95 % - 99.7 % Collision Cell Gas: 99.9995 %	Drying-Gas: 95 % - 99.7 % Collision Cell Gas: 99.9995 %
Max Flow	Drying-Gas: <u>70 L/min</u> Collision Cell Gas: <u>70 L/min</u>	Drying-Gas: <u>125 L/min</u> Collision Cell Gas: <u>70 L/min</u>
Pressure	Drying-Gas: 6 bar Collision Cell Gas: 6 bar	Drying-Gas: 6 bar Collision Cell Gas: 6 bar
Dimensions (H x W x D)	120 x 40 x 40 cm	120 x 40 x 40 cm
Weight (kg)	55 kg	68 kg
Connections	Drying-Gas: 6 mm OD Collision Cell Gas: 1/16" Others available on request	Drying-Gas: 6 mm OD Collision Cell Gas: 1/16" Others available on request
Electrical Power	230 VAC 50 Hz	230 VAC 50 Hz
Compressed Air Inlet	10 mm OD, others available on request	10 mm OD, others available on request

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.

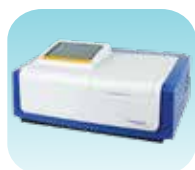
Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



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



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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 @



 **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
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