



_Nitrogen
_Atomic Number: 7
_Atomic Weight: 14.0067
_Melting Point: 63.15 K (-210.00°C or -346.00°F)
_Boiling Point: 77.35 K (-195.80°C or -328.44°F)

NITROGEN GENERATOR - NM30LA

▼ NM30LA_
// 30L_maximum_flow_rate_
// 7bar_100psi_outlet_pressure_

Peak Scientific Instruments is an international company focussed on producing and supporting high quality Gas Generators for the analytical instrument market.

With more than 10 years experience specializing in the development and production of laboratory Gas Generators designed for specific applications, Peak Scientific Instruments has worked closely with most of the world's leading instrument manufacturers to produce products that not only meet their requirements but also to provide the user with a consistent, safe and cost effective supply of gas on-site in the laboratory.

You can therefore be confident that your Peak Scientific Instruments Gas Generators have already been evaluated and approved by your instrument supplier to provide optimum performance, leaving you to concentrate on more important aspects of your work.

Preventative maintenance is the best way to avoid any interruption to the normal flow of work in your laboratory. For further peace of mind and to minimize instrument downtime, Peak Scientific Instruments can offer a range of Generator Service Plans via an extensive network of engineers and technical support wherever you are.



Features & Benefits

- Experience ▶▶
_More than 10 years of experience in the industry
- Simple Installation ▶▶
_Generator designed as plug & play system
- Economical ▶▶
_More cost effective than gas bottles/cylinders
- Convenient ▶▶
_Gas on demand
_Can be placed anywhere
_No health hazards
_No need to worry about running out of gas

The NM30LA_



The NM30LA Nitrogen Generator is Peak Scientific Instruments' proven solution for customers requiring Nitrogen for their LC/MS Application.

Specifically designed to supply LC/MS/MS analysers, the NM30LA produces nitrogen gas at the required flow rates, purities and pressures for these instruments.

The produced nitrogen gas is filtered down to 0.01 micron and passed through an Active Carbon filter to minimize the risk of contamination.

Quiet in operation the NM30LA utilises separation technology to selectively remove oxygen, moisture and other gases to leave clean, dry, phthalate free nitrogen.

2 Internal Air Compressors make the NM30LA a stand-alone, self-sufficient Nitrogen Generator, independent from external air sources.



//The safer solution to your total gas requirements_

<http://www.peakscientific.com>
info@peakscientific.com



FM515973

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UK Headoffice
Peak Scientific Instruments
Fountain Crescent
Inchinnan Business Park
Inchinnan, Renfrewshire
PA4 9RE
Scotland, UK
Tel.: +44 (0)141 812 8100
Fax: +44 (0)141 812 8200

US Office
Peak Scientific Inc
19 Sterling Road
Suite #5
Billerica
MA 01862
USA
Tel.: +1 866 647 1649
Fax: +1 978 608 9503

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// www.peakscientific.com // The Future Of Gas Generation Is Here_

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Technical Specifications

| | |
|--|------------------------------|
| Max Flow Rate (L/min ATP) | 30 |
| Max. Outlet Pressure (bar/ psi) | 6.89 / 100 |
| Nitrogen Pressure Dewpoint | -40°C / -40°F |
| Internal Air Compressor | Yes |
| Max Ambient Operating Temp. | 30°C / 86°F |
| Noise Level (db(A)) | 59 |
| Electrical Requirements | 230v 50/60Hz 5.0A |
| Power Consumption | 1150 watts |
| Dimensions (cms/ins) WxDxH | 60x67x94 24x27x37 |
| Weight (kg/ lbs) | 112.5 / 248 |

Features & Benefits

No need for external compressed air source ▶▶
- Has its own built-in air compressor

Convenient ▶▶
- Gas on demand
- No health hazards
- No need to worry about running out of gas

Simple & User Friendly design ▶▶
- Ease of Use
- No danger of over-pressure

Mobile ▶▶
- Flexibility to position generator where required



Ordering Information

| | |
|---------------|--------------------|
| | Part Number |
| | UK/US/EU |
| NM30LA | 10-9015 |

Product Accreditations:
_ CSA Approved



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