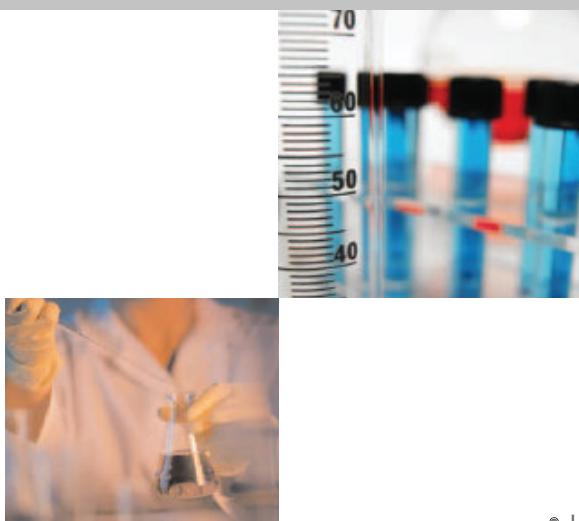


The N418LA Nitrogen Generator offers trouble-free generation of Nitrogen in flow rates, purities & pressures suitable for your MSQ Application.

Nitrogen Generator N418LA

Advanced Nitrogen Generation for your MSQ Application



- Up to 18l/min of Nitrogen
- High Reliability
- Minimal Maintenance
- Quiet in Operation
- Sleep Mode Function

Nitrogen Generator N418LA

The N418LA has been designed specifically to supply Nitrogen for LC/MS/MS which requires Nitrogen at a maximum of 18 litres per minute, offering Nitrogen at pressures and purities suitable for these applications.

This highly sophisticated Nitrogen Generator features a host of proprietary technology, resulting in uninterrupted supply of gas to your MSQ System. New robust design and the use of quality components further lengthen the lifetime of the internal compressor. Extremely quiet in operation with minimal vibration this Nitrogen Generator will provide you with a convenient and reliable source of Nitrogen with a rapid return on investment.

The integrated intelligent PLC features a Total Run Hour Count for the compressor and also highlights the time to next service enabling you to schedule the service with your requirements and minimize downtime of your LC/MS.

The High Standards at Peak Scientific and their expertise in development of Gas Generators make the N418LA a reliable and intelligent solution for your MSQ requirements, whilst offering the most convenient supply of Nitrogen.



Product Specifications

Features & Benefits

Sleep Mode Function

- minimizes compressor run time thus prolonging life of compressor

Improved Reliability

- maximises generator uptime

PLC Control System

- Total Run Hour Count for Compressor
- Service Indication

Mobile

- flexibility to position generator where required, even under standard lab bench

Simple & User Friendly design

- ease of Use & Service

Quiet in Operation

- no disruptive noise

Technical Specifications

Nitrogen Gas:

- Max. Flow Rate: 18l/min
- Max. Outlet Pressure: 100psi/ 6.9 bar
- Particles: > 0.01 micron
- Suspended Liquids: none
- Phthalates: None

Product Specifications:

- Outlet: 1 x 1/4" BSP
- Internal Air Compressor: Yes/ 1
- Pressure Gauges: Yes/ 1

Power:

- 230v 50/60hz 3.6A

Dimensions/ Weight:

- Dimensions:
40x70x71 cm (WxDxH)
16x28x28 ins (WxDxH)
- Weight:
60kg (132 lbs)
- Shipping Weight:
85kg (187 lbs)

Environment:

- Min. Ambient Operating Temperature: 5°C/ 77°F
- Max. Ambient Operating Temperature: 25°C/ 41°F
- Max. Relative Humidity: 70%
- The Generator is designed for indoor use only. It should be installed adjacent to the Mass Spectrometer it is supplying. If this is not convenient then the unit can be sited elsewhere, however, consideration should be made of the lengths of pipe runs as pressure drops can result from extended runs of pipe.
- Performance of the generator (like all sophisticated equipment) is affected by ambient conditions. Note should also be taken to the proximity of Air Conditioning outlets. These can sometimes give rise to "pockets" of air with high relative humidity. Consideration should also be given to the air flow around the unit. It is recommended that an air gap of 75mm (3") should be maintained down both sides, at the rear and across the top of the unit.

Ordering Information

PART NUMBER	DESCRIPTION
OPTON-97104	Generator, Nitrogen, 18LPM, RoHS

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