

Nitrogen Generator Model LGN 32MA

Flow rate : 32 liter/min



Nitrogen Generator for LC/MS/MS Mass Spectrometer

The LABGEN Nitrogen Generator Model LGN32MA is a self-contained membrane nitrogen generator that produces pure grade nitrogen at output pressure 100 psig and flow rate up to 32 liter/min. Nitrogen is produced by utilizing a combination of inbuilt silent oil free air compressor, coalescing filter and nitrogen membrane separation technology components.

Applications include: LC/MS/MS Mass Spectrometer, Nebulizer gases, chemical and solvent evaporation, instrument supply and purge, evaporative light scattering equipment.

Features & Benefits:

- No external compressor required.
- Inbuilt Silent oil free air compressor.
- Includes 2 year compressor warranty.
- Flow capacity up to 32 Liter/min.
- Quiet, Insulated compressor compartment for minimum disruption.
- Flexibility to position generator where required, the generator is supplied with caster wheels.
- Designed as plug & play system.
- Cost effective than any other gas supply method.
- Gas on demand, no health hazards, no need to worry about running out of gas.

Ordering Information :

Part No.	Descriptions
321601	Nitrogen Generator Model LGN 32MA, 220V, 50 Hz

Spare Parts

Part No.	Descriptions
321605	Silent Oil free Air compressor assembly
321606	Intake Filter Element
321607	Element Filter for AMG Water Separator filter
321608	Element Filter for AMD Micro Mist Separator filter, 0.01 um
321609	Element Filter for AM Micro Mist Separator filter, 0.3 um

Technical Specifications

Technology	<i>Nitrogen Membrane Separation</i>
Inbuilt Air Compressor	<i>Silent Oil free Air Compressor, 550W x 3</i>
Nitrogen Outlet Purity	<i>95% - 99.9 % (depend on flow rate)</i>
Nitrogen Outlet Purity VS Flow Rate @ 6.8 bar / 100 psi	<i>95% @ 32 Liter/min 99% @ 15 Liter/min</i>
Particles	<i>< 0.01µm</i>
Phthalates	<i>None</i>
Suspended Liquids	<i>None</i>
Noise Level	<i>< 54 dB(A) @ 1m</i>
Nitrogen Storage tank	<i>20 Liters</i>
Gas Outlet Connection	<i>1x 1/4" NPT Female</i>
Electrical Requirements	<i>220 V 50 Hz, 8.5 A</i>
Dimensions (cm) W x D x H	<i>60 x 80 x 70 cm</i>
Weight (kg/ lbs)	<i>95 / 209</i>

Standard Accessories : 3 AMG Water Separator filter, 1 AM Micro Mist Separator Air filter 0.3um, 1 AMD Micro Mist Separator Air filter 0.01um
3 Intake Element Air Filter

Spare Parts and Service Interval Component



P/N : 321605
Oil free Air compressor
0.550 KW / 3/4HP, 220 V/ 50Hz
Warranty 2 years



P/N : 321606
Intake Element Air Filter
12 months



P/N :321607
Element filter for AMG Water Separator
12 months



P/N : 321608
Element filter for AMD Micro Mist Separator, 0.01um
12 months



P/N : 321609
Element filter for AM Micro Mist Separator, 0.3um
12 months