

# Gas Generator for LCMS / LC-MS-MS (Membrane Technology)



Model : NGLC - 35A  
( Nitrogen for LCMS)  
with Inbuilt Compressor



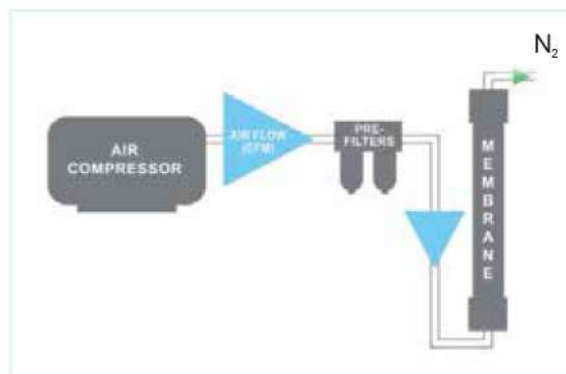
Model : NAG - LCSPA  
For Perkin Elmer  
Q- Sight / Shimadzu  
with Inbuilt Compressor



Model : NAG - LCSA  
For Sciex LCMS  
with Inbuilt Compressor

## Features & Benefits

- Inbuilt Silent oil free air compressor.
- Inbuilt Air Storage tank for inbuilt compressor.
- Designed as plug & play system.
- Cost effective & Economical compared to imported generators.
- Gas on demand, no health hazards, no need to worry about running out of gas.
- Suitable for all Climatic conditions.
- Exstock / Fast service / Spares readily available.
- Customised gas generators also available on request.
- Floor mounted model with caster wheel.



Technical Specifications	Model : NGLC - 35A ( Nitrogen for LCMS)	Model : NAG - LCSPA For Perkin Elmer Q- Sight & Shimadzu	Model : NAG - LCSA For Sciex LCMS
Maximum Flow Rate	N2 35 LPM @100 psig	1) N2 32 LPM @100 psig for Perkin Q Sight 2) N2 32 LPM @100 psig for Shimadzu 3) Dry Air 70 LPM @60 psig for Perkin Q Sight 4) Dry Air 25 LPM @60 psig for Shimadzu	1) N2 (Curtain Gas) 12 LPM @100 psig 2) Exhaust Gas 18 LPM @ 100 psig 3) Source Gas (Dry Air) 18 LPM @ 60 psig
Inbuilt Air Compressor	Yes	Yes	Yes
Nitrogen Outlet Purity	95% - 99.9% (Depends on flow)	95% - 99.9% (Depends on flow)	95% - 99.9% (Depends on flow)
Particulates	<0.01µm	<0.01µm	<0.01µm
Phthalates	None	None	None
Suspended Liquids	None	None	None
Gas Outlet Connection	1/4" OD	1/4" OD	1/4" OD
Electrical Requirements	230 V 50 Hz, 8.5 A	230 V 50 Hz, 12.5 A	230 V 50 Hz, 12.5 A
Power Consumption	2500 Watts	3400 Watts	3400 Watts
Suitable for	Agilent, Waters, Thermofisher LCMS	Perkin Elmer QSight, Shimadzu	AB Sciex
Dimensions	620H X 620W X 640D	620H X 620W X 640D	620H X 620W X 640D
Weight (Kg)	120	150	150
Gas Outlet Port	6 mm PU	6 mm PU	6 mm PU

## Pyrolyzer for LCMS

(Pyro = Fire, Lysis = Breakdown)

- Pyrolyzer is Hydrocarbon removal instrument in which heating is done at a high temperature above 150 DegC in absence of Oxygen rich atmosphere for reducing Hydrocarbon impurity
- Pyrolyzer is essential for Quantitative analysis of nitrosamine impurities by LCMS because such samples are sensitive to Hydrocarbon content.

