

Industrial Nitrogen Gas Generators

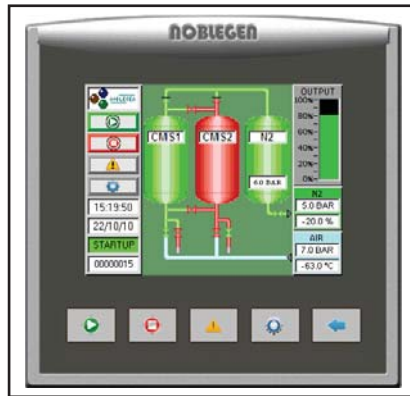
MAXIMUS Lite - Medium Flow Applications

'MAXIMUS', Latin for 'Greatest', is the Industrial range of PSA Nitrogen Gas Generators from NobleGen.

Utilising the reliable and efficient PSA technique of separating Nitrogen and Oxygen is used to produce high quality Nitrogen Gas at various flows and purities (see performance data).

The Generator is controlled using the latest in HMI touch screen technology to display the process, pressures, dew-point and oxygen levels with continuous monitoring complete with alarms.

Available in 3 different models to cover a range of flows and purity to meet the demands of most small industrial applications.



Features include:-

- Alarm display and help menu
- Outlet flow indicator (%)
- Oxygen analyser (% or ppm)
- Inlet air dew-point monitor and alarm
- Trend Graph for QA reporting
- Energy saving mode (programmable)
- Remote access to control system
- Maintenance records screen with alarm reminder

Overview

The 'Maximus-Lite' Nitrogen Generator range from NobleGen Products is your reliable and efficient alternative to conventional high pressure cylinder and liquid gas supplies. Taking away the on-going costs, safety considerations and transporting of traditional gas supplies, the 'Maximus-Lite' Nitrogen systems are some of the most advanced intelligent and efficient available.

The HMI controller displays in real-time the PSA process, monitors air inlet quality, system pressures and outlet nitrogen purity ensuring you always have the highest quality gas delivered to your application. An onboard flow monitor indicates the % of flow taken (0-100%) showing your overall requirement and efficiency data. If your compressed air supply quality is not within the working limits then the system will alarm and shut-down if necessary protecting the system from permanent damage.



NobleGen is a Wirac Automation Product

Features

- High Flow Rates
- HMI Touch Screen
- Three Models available
- Oxygen Analyser
- Inlet Air Dewpoint & Alarm
- Network & Remote System Monitoring
- Compact & Rugged Design
- 2 Year Full Warranty (conditions apply)
- Process Displayed on HMI Screen
- Multi Screen System
- Auto Setup
- Access from Front Only, No Rear Access Required
- Enable or Disable Alarm
- Shutdown

Applications

- Food Packanig
- Laser cutting
- Wine Making & Brewing
- Oil & Gas
- Pharmaceutical & Laboratory
- Food packaging
- Pharmaceutical and laboratory
- Electronic assembly / Soldering
- Injection moulding

Options

- Hazardus Area Ex Version
- Customisable Screen
- Proportional Pressure and flow control for multitask operation

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MAXIMUS Lite - Technical Specification

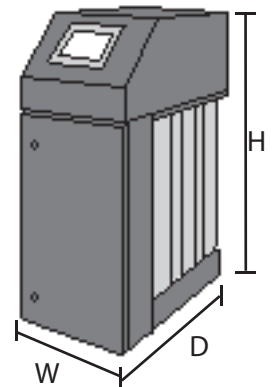
Nitrogen Outlet Flowrate - L/min vs Oxygen Concentration								
Model	10ppm	100ppm	500ppm	0.1%	0.5%	1.0%	2.0%	3.0%
MNG102L	10.0	20.0	25.0	30.0	45.0	50.0	70.0	85.0
MNG104L	20.0	40.0	50.0	60.0	90.0	100.0	140.0	170.0
MNG106L	30.0	60.0	75.0	90.0	135.0	150.0	210.0	255.0

Specification based on 7barg (102psig) air inlet pressure @ 20°-25°C (68°-77°F) ambient air temperature. For inlet pressures and ambient air temperature outside these conditions please contact NobleGen technical department.

Ambient Temp Range	5°- 45°C (41°-113°F)
Air Inlet Pressure	6 to 16 barg (87 to 232 psig)
Nitrogen Outlet Pressure*	5 to 14 barg (72 to 203 psig)
Air Inlet Requirement	Dewpoint -40°C (-40°F)
	Particulate: <0.1 micron
	Oil: <0.01 mg/m ³
Electrical Supply	90-264v a.c. 1ph (50/60Hz)
	Power: 0.2Kw
Signal Outlet / Monitoring	no volt alarm & RS232
Inlet / Outlet Connections	G1/2" (BSP) Female

Other pressures and temperatures available on request

Dimensions & Weights				
Model	Height mm	Width mm	Depth mm	Weight Kg
MNG102L	1150	400	580	150
MNG104L	1150	400	580	180
MNG106L	1150	400	760	230



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