

'MAXIMUS-LITE' INDUSTRIAL NITROGEN GAS GENERATING SYSTEMS

Features:-

- VARIOUS PURITIES
- HIGH PURITY SYSTEM WITH BUILT IN RECEIVER
- HMI TOUCH SCREEN AS STANDARD
- OXYGEN ANALYSER AS STANDARD
- INLET AIR DEWPOINT AND ALARM TO PROTECT PSA CARBON SIEVE
- COMPACT AND RUGGED DESIGN
- 2 YEAR FULL WARRANTY
- EASILY INTERGRATED INTO CUSTOM DESIGN SYSTEMS.
- PROCESS DISPLAYED ON HMI SCREEN
- MULTI SCREEN SYSTEM WITH AUTO SET-UP
- ACCESS FROM FRONT ONLY, NO REAR ACCESS REQUIRED
- ENABLE OR DISABLE ALARMSHUT-DOWN
- HAZARDOUS AREA Ex VERSION AVAILABLE

NOBLEGEN

5 PARKER COURT
GATESHEAD

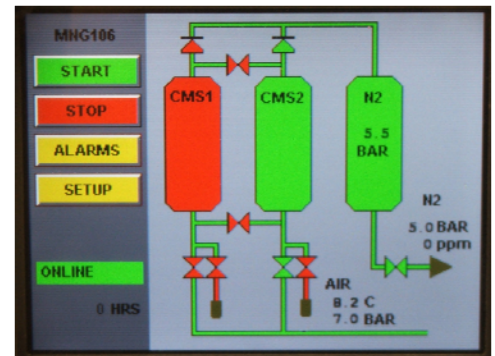
TYNE & WEAR , NE11 9EW
UNITED KINGDOM

TEL: +44(0)191 460 3577

FAX: +44(0)191 460 1079

E-MAIL: SALES@NOBLEGEN.CO.UK

WEBSITE: WWW.NOBLEGEN.CO.UK



Actual screen shown

'MAXIMUS-LITE', A follow on from the Maximus Industrial Range, the 'Lite' is a compact light industrial and laboratory Nitrogen Generator. 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. Compact design with no rear access required, reducing overall footprint required installation and with high purity Generator available with built in nitrogen buffer receiver.

Application Industries:-

- Food packaging
- Laser cutting
- Wine making and brewing
- Oil and Gas
- Pharmaceutical and laboratory
- Electronic assembly / Soldering
- Injection moulding

Your local Distributor is:-

TECHNICAL SPECIFICATION

MAXIMUS-LITE INDUSTRIAL NITROGEN GENERATOR RANGE

Nitrogen Outlet Flowrate—L/Min vs Oxygen Concentration									
Model	10ppm	100ppm	0.1%	0.5%	1.0%	2.0%	3.0%	4.0%	5.0%
MNG104L	10.0	16.5	26.5	45.0	52.0	67.0	80.0	-	-
MNG106L	15.0	25.0	45.0	65.0	78.0	102.0	130.0	-	-

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

Technical Data

Ambient Temp range	5-50°C (41-122°F)
Air Inlet Pressure	6 to 10 barg (87 to 261 psig)
Nitrogen Outlet Pressure*	5 to 9 barg (72 to 232 psig)
Air Inlet Requirement	Dewpoint: -40°C (-40°F)
	Particulate: <0.1 micron
	Oil: <0.01 mg/m ³
Electrical Supply	220v a.c. / 1ph / 50Hz or
	110v a.c. / 1ph / 50-60Hz
Signal outlet / monitoring	Ethernet (RJ45 connection)
Inlet / Outlet connections	G 1/2" (BSP) Female

Dimensions and Weights

Model	Height mm (ins)	Width mm (ins)	Depth mm (ins)	Weight Kg (lbs)
MNG104L	980 (38.5")	400 (15.7")	560 (22")	180
MNG106L	980 (74")	400 (23")	740 (29")	230



Standard Features

- ◆ HMI touch screen
- ◆ Continuous Process display
- ◆ Air inlet dewpoint display and alarm
- ◆ Oxygen display (ppm or %) and alarm
- ◆ Analogue outputs
- ◆ Alarm connections
- ◆ Ethernet output via RJ45 connection
- ◆ All CoDeSys software for ease of system integration
- ◆ Maintenance indication
- ◆ Visual and audible alarms
- ◆ User and engineering access to controls
- ◆ Each system has its own IP address for remote access via internet connection

Options

- ◆ Screen can be customised for user application interface
- ◆ Proportional Pressure and flow control for multi task operation
- ◆ Ex Hazardous area version

www.noblegen.co.uk