

## 'MAGNA MEDICAL O2' - Oxygen Generators

**'MAGNA MEDICAL O2 is the latest range of Medical Oxygen PSA Gas Generators from Noblegen Products.**

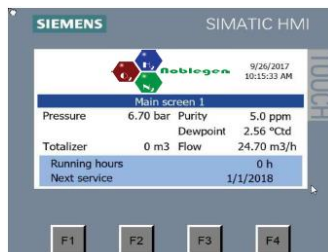
Utilising the reliable and efficient PSA technique of separating Nitrogen is used to produce medical grade oxygen (see performance data sheets).

The Generators are controlled using the latest Siemens HMI touch screen technology, built in purity analyser, remote start / stop and data logging via USB.



### Features

- Range of models & Flow-rates
- Siemens PLC as standard
- Purity 93% Medical Grade
- Oxygen Analyser as standard
- Zeolite Protection
- Remote start / stop relay
- Alarms with help menu
- Audible alarm sounder
- Remote access via internet
- Data logging via USB interface



Colour HMI Touch Screen

### Options

- Container mounted
- Cylinder Filling (300 bar)
- LOX using Noblegen liquid oxygen systems.

'MAGNA MEDICAL O2' Oxygen Generator range from Noblegen Products is your reliable and efficient alternative to conventional high pressure cylinder and bulk liquid gas supplies. Taking away the on-going costs, safety considerations and transportation of traditional gas supplies, the 'Magna Medical O2' on-site Medical Oxygen systems are some of the most advanced and intelligent available. The control system gives the user all the information necessary to ensure an efficient and consistent supply of gas is always available. From the process to flow and alarms, including auto-start / stop function, Trend graphs, service alarm and service records page, there is simply no other medical oxygen system quite like MAGNA MEDICAL O2.

The 'MAGNA MEDICAL O2' is one of the most economical range of oxygen generators on the market for both purchase price and on-going running / maintenance costs compared to other systems. Together with our unrivalled experience and knowledge of gas generators with 1000's running world-wide supported by our national and international partners.

## Specification Table

Oxygen Outlet Flowrate - Nm <sup>3</sup> /hr vs Oxygen Purity					
Model	93%	Dimensions (LxWxH)			Weight (kg)
MO1	0.5	58	68	180	90
MO2	1.1	62	70	170	100
MO4	2.4	65	75	195	150
MO6	2.9	65	80	195	200
MO9	4.1	78	82	193	280
MO12	5.8	82	82	212	450
MO15	7.9	87	83	213	550
MO20	9.5	105	95	210	700
MO20+	10.7				
MO27	13.6	115	90	226	850
MO27+	14.5				
MO35	17.4	125	95	220	1,100
MO35+	18.9				
MO50	21.8	155	130	230	1,350
MO50+	24.5				
MO65	30.0	165	135	235	1,800
MO65+	34.9				
MO80	38.2	195	125	225	2,100
MO80+	43.1				
MO100	49.1	205	140	250	2,500
MO100+	53.5				
MO125	60.0	205	165	305	3,000
MO125+	65.4				
MO150	74.1	185	165	360	3,500
MO150+	81.2				

Specification based on 7 barg (102 psig) air inlet pressure @ 20°-30°C (68°-86°F) ambient air temperature. For inlet pressures and ambient air temperature outside these conditions please contact the Noblegen technical department. Higher production solutions available on request.

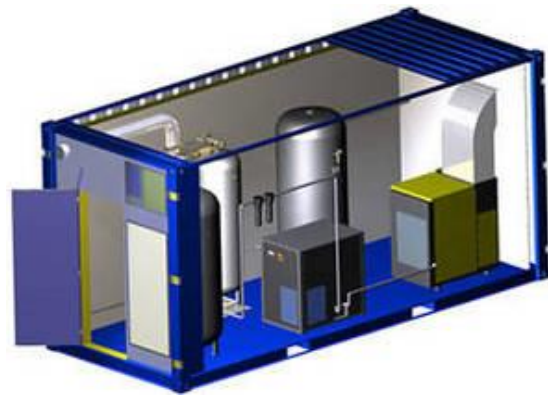
Operating Conditions	
Ambient Temp Range	5-40 °C (41-104°F)
Air Inlet Pressure	7-8 bar g (101.5-116 psi g)
Oxygen Outlet Pressure	Up to 4 bar g (58 psi g)
Air Inlet Requirement	ISO: 8573.1:2010 (class 1.4.1)
	Air:O2 ratio @ 93% - 11.25:1
	Dew-point: +3°C (+37°F)
	Particulate: <0.01 micron
Electrical Supply	230v a.c. / 1ph / 50-60Hz (0.1Kw)
	115v a.c. / 1ph / 50-60Hz (0.1Kw)
Socket Inlet	Gland Entry (MCB) 10A
Communications	Relay / USB
European Directive	93/42/EC (medical devices)
CE Marking	2014/68/EU

## Installation Options:-

Standalone Installation



Containerised / Mobile Solutions



Cylinder Filling System



LOX on-site Production



Noblegen is proud to have the knowledge and experience in order to provide the best solution for your medical oxygen needs. In both gas and cryogenics we can allow hospitals to become totally self-sufficient on their medical oxygen and offer some of the most reliable and efficient systems available on the market.