

## 'MAGNA O2' - Intelligent Gas Generators

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

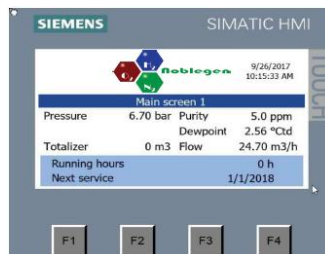
Utilising the reliable and efficient PSA technique of separating Nitrogen is used to produce high quality Oxygen Gas at various flows and purities (see performance data sheets).

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 Flow-rates
- Siemens PLC as standard
- Purity 90 / 93 and 95%
- 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
- Stainless Steel Pipe-work



Colour HMI Touch Screen

### Applications

- Cutting and welding
- Fish Farming
- Glass Production
- Gold Leaching
- Health-care
- Ozone Production
- Veterinary
- Water Treatment

'MAGNA O2' Oxygen 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 transportation of traditional gas supplies, the 'Magna O2' on-site 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 oxygen system quite like MAGNA O2.

The 'MAGNA 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 multi-bank modular 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	90%	93%	95%	Dimensions (LxWxH)			Weight (kg)
MO1	0.5	0.5	0.4	58	68	180	90
MO2	1.2	1.1	1.0	62	70	170	100
MO4	2.6	2.4	2.2	65	75	195	150
MO6	3.1	2.9	2.6	65	80	195	200
MO9	4.3	4.1	3.7	78	82	193	280
MO12	6.2	5.8	5.2	82	82	212	450
MO15	8.4	7.9	7.1	87	83	213	550
MO20	10.1	9.5	8.5	105	95	210	700
MO20+	11.4	10.7	9.6				
MO27	14.6	13.6	12.2	115	90	226	850
MO27+	15.5	14.5	13.1				
MO35	18.7	17.4	15.7	125	95	220	1,100
MO35+	20.3	18.9	17.1				
MO50	23.3	21.8	19.6	155	130	230	1,350
MO50+	26.2	24.5	22.1				
MO65	32.1	30.0	27.0	165	135	235	1,800
MO65+	37.3	34.9	31.4				
MO80	40.9	38.2	34.4	195	125	225	2,100
MO80+	46.1	43.1	38.8				
MO100	52.5	49.1	44.2	205	140	250	2,500
MO100+	57.2	53.5	48.1				
MO125	64.2	60.0	54.0	205	165	305	3,000
MO125+	70.0	65.4	58.9				
MO150	79.3	74.1	66.7	185	165	360	3,500
MO150+	86.9	81.2	73.1				

Specification based on 7bar g (102psig) 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

Operating Conditions	
Ambient Temp Range	5-50 °C (41-122°F)
Air Inlet Pressure	7-10 bar g (101.5-145 psi g)
Nitrogen Outlet Pressure*	Up to 9 bar g (130.5 psi g)
Air Inlet Requirement	ISO: 8573.1:2010 (class 1.4.1)
	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
Inlet / Outlet Connections	1" BSPP x 2