On-Site Oxygen Gas Generators

Features

- OGX Oxygen Gas Generators are designed to produce high-purity oxygen in the 90-95% oxygen concentration range using pressure swing adsorption technology.
- Customizable and adjustable to specific oxygen purity and flow rate requirements.
- With low operational and maintenance costs, coupled with a long lifespan and durability, OGX Oxygen Gas Generators are a cost-effective solution over the long term.
- Incorporates energy-saving technologies to optimise the oxygen production process during variable demand.
- Eliminates the need for transportation and storage of oxygen cylinders, reducing logistical complexities and safety risks associated with handling high-pressure gas cylinders.
- OGX Oxygen Gas Generators are environmentally friendly, as they significantly reduce carbon emissions associated with the transportation and production of oxygen from other sources, making them a sustainable choice.
- Compact footprint makes them suitable for various installations, including medical/veterinary facilities, industrial settings, and laboratories.

Complete Scope of Supply

The OGX include a zirconium O_2 purity sensor, flow meter and pressure regulator as standard.

User-Friendly Interface

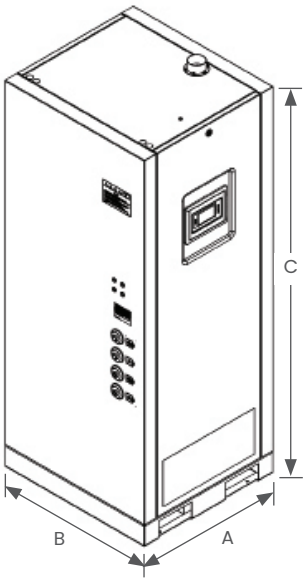
The nano Vision[01] allows for easy operation, monitoring, and adjustment of system parameters. Allowing for users to manage and maintain the oxygen generation process effectively.

nano O_2: Oxygen Gas Generators

MODEL	OXYGEN PURITY AT OUTLET (Nm^3/h) [1]			DIMENSIONS (mm)			APPROX WEIGHT
	90%	93%	95%	A	B	C	kg
OGX 110	3.0	3.0	3.0	787	838	2007	318
OGX 220	7.0	6.0	5.0	787	838	2007	400
OGX 330	10.0	9.0	8.0	1422	838	2007	624
OGX 440	13.0	13.0	11.0	1422	838	2007	706
OGX 550	17.0	16.0	14.0	1422	838	2007	788
OGX 640	20.0	18.0	15.0	1422	965	2007	970
OGX 850	26.0	24.0	20.0	1422	965	2007	1134
OGX 1070	33.0	30.0	25.0	1422	965	2007	1298

SPECIFICATIONS	STANDARD	OPTIONAL
Design operating pressure range (barg)	4.5 to 10	-
Design operating temperature range (°C)	4 to 50	-10 to 50
Recommended operating temperature range (°C)	5 to 55	-
Maximum inlet particulate (micron)	0.1	-
Maximum inlet dew point (°C PDP)	7	-
Recommended inlet dew point (°C PDP) [2]	3.0	-
Maximum inlet oil content (ppm) [3]	0.01	-
Supply voltage (V/ph/Hz)	115-230/1/50-60	-

(1) At 6 barg inlet pressure and 20°C inlet temperature. For outlet flow at all other conditions, contact sales_uk@nano-purification.com.
(2) -20°C PDP with low inlet temperature option
(3) Including oil vapor.



OGX 110 to OGX 1070

Experience. Customer. Service.

nano-purification solutions
www.nano-purification.com

United Kingdom
Gateshead, United Kingdom
Phone: +44 (0) 191 497 7700
Email: sales_uk@nano-purification.com

United States | Canada | United Kingdom | Germany | Singapore