

Oxygen Generators

TECHNICAL CATALOGUE



On site oxygen production
for Hospitals and clinics

OXYPLUS
TECHNOLOGIES



The flagship company of the UTTAM Group, Uttam Air Products, is in the business of Manufacturing & Distribution of Medical and Industrial gases, High Pressure Lightweight Gas Cylinders, Allied Equipments and Solutions.

Established in the year 1900, the group serves customers in key growth markets. The Uttam group has six marketing divisions, each catering to a defined market segment. These are Medical, Industrial and Cryogenic, Fire and Safety, Food & Beverage, Automotive and Recreational.

With a unique portfolio of Atmospheric Gases, Specialty Gases, Light Weight Gas Containment Systems in aluminium and Carbon Composite Materials, Gas Pipeline Systems, Services and Equipments the Uttam group has been serving an array of customers from the Indian Army personnel at Siachin Glacier (the highest battleground on earth) to the Honorable President of India.

Vision

Uttam Group is committed to enhancing its traditional and historical character through a progressive and proactive vision to be the most admired gas, healthcare and safety company globally employing innovative technologies and dedicated human capital, which we regard as molecules of our success.

MEDICAL GRADE OXYGEN QUALITY

Overpassing the highest international standards

Parameters	ISO 10083		United States USP XXII Oxygen 93%	European Pharmacopeia Oxygen 93%	OXYPLUS Technologies	
	Oxygen	O2	>90%	90% - 96%	90% - 96%	Orlane
					Premium	95% ±1
					Oxystar	99.5%
Carbon Monoxide	CO	<5 ppm	(0.001%	<5 ppm	<2 ppm (0.0002%)	
Carbon dioxide	CO2	<300 ppm	<0.03%	<300 ppm	<150 ppm (0.015%)	
Sulfure dioxide	SO2	-	-	<1 ppm	0 ppm	
Nitrogen oxides	NOx	-	-	<2 ppm	0 ppm	
Water	HO2	<67 ppm (-50°C)	-	<67 ppm (-50°C)	<3 ppm (-75°C/-107°F)	
Oil	-	<0.1 mg/m ³	<0.1 mg/m ³	<0.1 mg/m ³	<0.063 mg/m ³	

Regulatory standards and quality compliances

-
- Our oxygen generators are CE marked as Medical Devices class lib, according to European Directive MDD 93/42/EEC.
- Quality of produced oxygen is compliant with the Monograph Oxygen 93% of both European Pharmacopeia and United States Pharmacopeia
- OXYPLUS Technologies, as a subsidiary of NOVAIR Group, is organized according to a quality management system certified ISO 9001 and ISO I 3485 for the design and manufacture of medical gas systems



(1) As a standard all oxygen generators are manufactured according to International and European standards (EN/ISO). Should you require British Standards compliance certificate (according to HTM) or NFPA compliance certificate, please mention it while placing your order so that the oxygen generator can be manufactured accordingly and delivered with the appropriate certificate.

A LEADER MANUFACTURER

Quality and medical philosophy

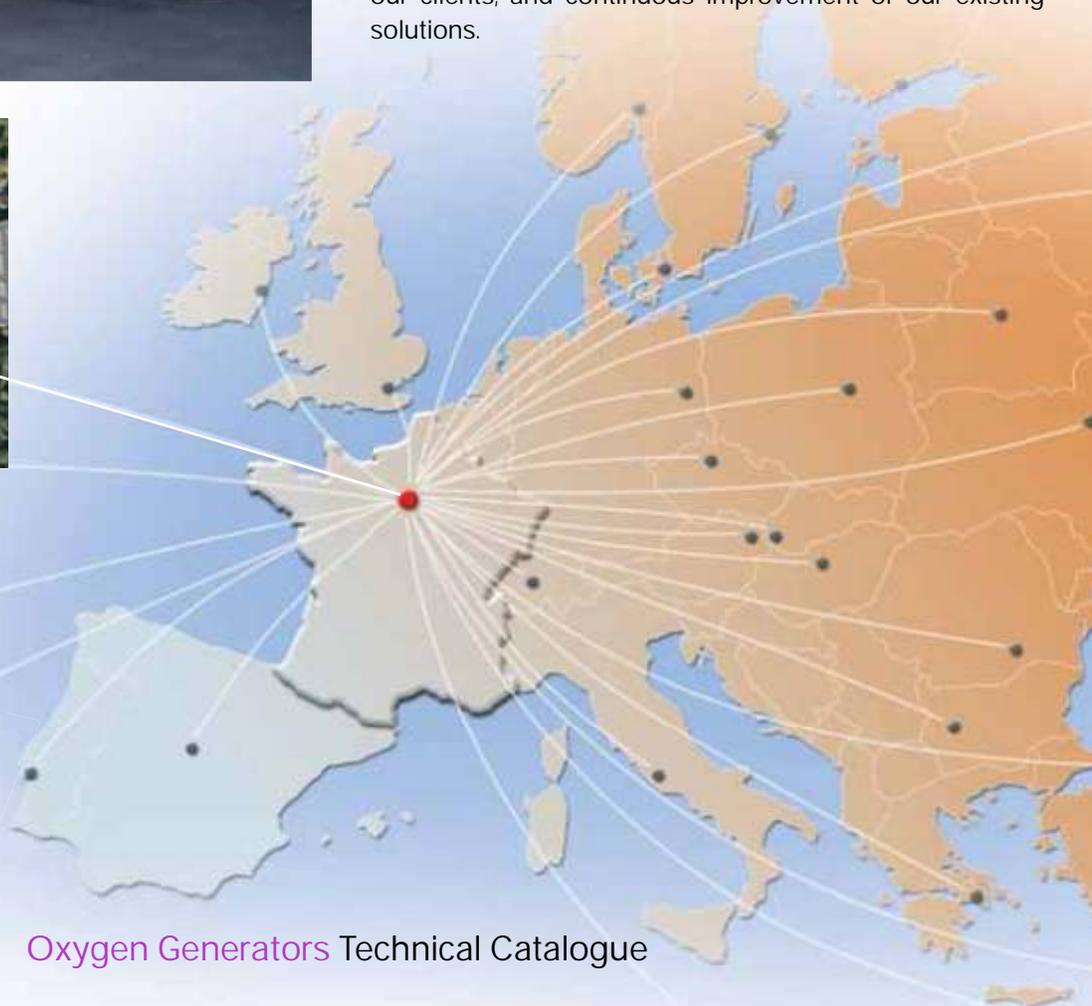
OXYPLUS Technologies is the world leading manufacturer of medical oxygen generators. Based on the 33 years experience of the Novair Group in designing medical gas systems, OXYPLUS Technologies is a name that represents innovation, highest manufacturing quality and a very deep medical philosophy.

The company's philosophy is continuously focused on

- Quality of our solution
- Oxygen quality
- Patients safety
- Hospital satisfaction
- Leading innovation

With headquarters located in Northern Paris in France, Oxyplus Technologies has already been acting in over 60 countries providing state of the art oxygen generators for large hospitals piping systems, clinics and health centers.

OXYPLUS Technologies innovative solutions are the result of a high amount of investments in RD, a close dialog with our clients, and continuous improvement of our existing solutions.



Oxyplus Technologies operates from its French headquarters and through a wide network of certified local distributors. We manage all medical gas standards in the world : whether you need a system compliant with ISO 7396, HTMO2-01, NFPA 99 or any other standards, we can supply the appropriate oxygen solution.

Our oxygen generators are supplied turnkey ready to run, which allows a very easy installation on site. Our engineering and after sales services are always available to help you at each stage of your project, in any circumstances, and can operate worldwide for startup, commissioning, inspection or service purpose. Genuine spare parts availability is guaranteed for more than 20 years to cover the long lifespan of our systems.

Oxyplus Technologies is manufacturing medical oxygen generators since 1995 and has improved their quality and efficiency year after year to achieve the most reliable and highest quality oxygen generators available on market.

Our strength remains on the quality and reliability of our products, our commitment to provide the best after sales service for a complete client satisfaction, and our flexibility to meet exactly our clients' demands, whatever they are.



ADVANCED PSA TECHNOLOGY

Dedicated to medical oxygen production

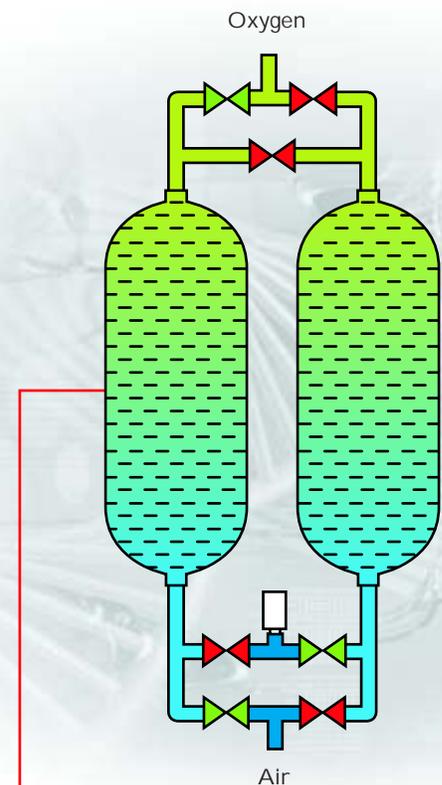
Ambient air contains 21 % oxygen, 78% nitrogen, 0.9% argon and 0.1% of rare gases. Oxyplus oxygen generators achieve the separation and purification of all these gases to produce medical grade oxygen at a purity of 93%, 95% and 99,5% depending on the model of oxygen generator

Besides producing high oxygen purity, Oxyplus oxygen generators also guarantee that the produced oxygen is free of any trace of pollutant (CO, CO₂, oil, etc.), in compliance with the European Pharmacopeia and with the USP American monograph.

Our air separation technology is based on a patented implementation of the Pressure Swing Adsorption (PSA) process. The PSA process is a static separation of air gases thanks to a specific molecular sieve whose property is to adsorb nitrogen under pressure.

Although the PSA technology is used for air gases separation since 1964, Oxyplus Technologies owns a number of patented innovations which optimize the process to achieve the highest and most durable quality. This is one of the reasons why our products are worldwide renowned for their stability, durability and manufactured quality.

The oxygen generator is mainly composed of two separation vessels (zeolites) filled with molecular sieve adsorbers. As compressed air pressurizes one vessel, the nitrogen becomes more and more retained by the molecular sieve and the oxygen goes straight to the outlet of the oxygen generator. When the vessel is approaching nitrogen saturation, the process switches to the second vessel and the adsorbed nitrogen in the first vessel is released into the ambient air. The cycle is then repeated indefinitely.





3 ranges of oxygen generators

As part of NOVAIR Group, a medical gas system manufacturer since 1977, OXYPLUS Technologies enjoys a deep knowledge of medical gas standards and regulations and is proud to exclusively dedicate its oxygen generators to hospitals and clinics.

Oxyplus range of products is composed of 3 ranges of oxygen generators. They have been designed to meet the technical requirements and oxygen quality specifications of every kind of hospital in the world which vary depending on their specialties and also on local regulations.

PREMIUM HF

Suitable for hospitals with surgical and intensive care activities, Premium provides a highly stable concentration and can integrate advanced control features.

- ✓ Purity 95% ± 1%
- ✓ Specifications on pages 8-9



OXYSTAR₉₉

State of the art generator, OxyStar₉₉ produces high purity oxygen compliant with monograph « oxygen » of the European Pharmacopeia, m

- ✓ Purity 99,5%
- ✓ Specifications on page 10-11



ORLANE

Cost effective oxygen generators designed for all kind of medical facilities.

- ✓ Purity 93% ± 3%
- ✓ Specifications on pages 12-13



PREMIUM HF series

High Efficiency oxygen generator

Oxyplus Technologies Premium HF oxygen generators provide outstanding efficiency and reliability. Especially designed for hospitals with surgical activities and intensive care units, Premium HF oxygen generators produce a high and stable medical oxygen quality at 95% +/- 1%.

Visio₂ touch screen control panel

Based on a robust PLC architecture and a high definition colour touch screen panel, the VISIO₂ Control automatically controls and monitors the oxygen generator package. Oxygen purity and pressure are displayed on the screen and can be recorded 24h/24 on SD Card. This powerful oxygen generator controller also gives access to an enhanced alarming management system and is capable of drawing historical trending curves. VISIO₂ can manage permutations between two oxygen generators and can be remotely controlled through Internet, Smartphones or specific hospital data networks. Very easy to use, the VISIO₂ is available in many different languages.



Stainless steel architecture

So as to ensure the highest durability and reliability of the oxygen generator components, we extensively use stainless steel to manufacture our pneumatic manifolds.



Process control panel

In addition to the VISIO₂ Control, the lateral process control panel gives access to a direct reading of the main pressure parameters of the oxygen generating process, along with an innovative calibration system which guarantees the accuracy of the oxygen purity measurement.



Energy saving

The high efficiency of Oxyplus molecular sieve and our continuous R&D improvement lead to the lowest energy consumption ever met. Moreover, VISIO₂ control proposes an energy saving working mode which can lead to up to 50% energy savings compared to traditional PSA systems.



Duplex air inlet filtration

Oxyplus molecular sieve is in two ways protected from dust and oil particles coming from the compressed although its duplex air inlet micron and submicron filtration which retains all particles and oil vapour up to 0,01 µm. The filters are drained by an automatic drain valve. Therefore oil free compressors are no more required as it should be in such circumstances.



Secured ergonomic cabinet

As a manufacturer of medical devices, Oxyplus Technologies cares a lot about the design of its equipments. All components of the oxygen generator are securely installed in an ergonomic metal cabinet which, in addition to giving a good-looking appearance to the oxygen generator; protects all components from external water and dust, and from unauthorized access.



Quality standards compliance

Our oxygen generators are CE marked as Medical Devices, class IIB, and are manufactured in compliance with ISO 10083 and ISO 7396-1. We are also able to comply with HTM O2-01, HTM 2022 and NFPA 99c, The oxygen quality produced by our oxygen generators exceeds the highest standards of quality of the European and United States Pharmacopoeias (see page 3).



Maintenance friendly

Oxyplus oxygen generators only require a very light servicing. Regular maintenance is limited to replacement of filtering elements every 6 months. Furthermore, the ergonomic cabinet allows excellent component accessibility and all maintenance tasks can be carried out through one single side of the equipment.

CE 1250



Main characteristics

Oxygen production pressure : 4.5 to 6 bar (65 to 87 PSI)

Oxygen production quality:

Oxygen	95% ± 1%
Dew point	-75 °C (-107°F)
CO	< 2 ppm (0.0002%)
CO2	< 150 ppm (0.015%)
SO2	0 ppm
NO2	0 ppm
Oil	< 0.1 mg/m ³

Control power: 230V 50/60 Hz, Single phase, 1 A



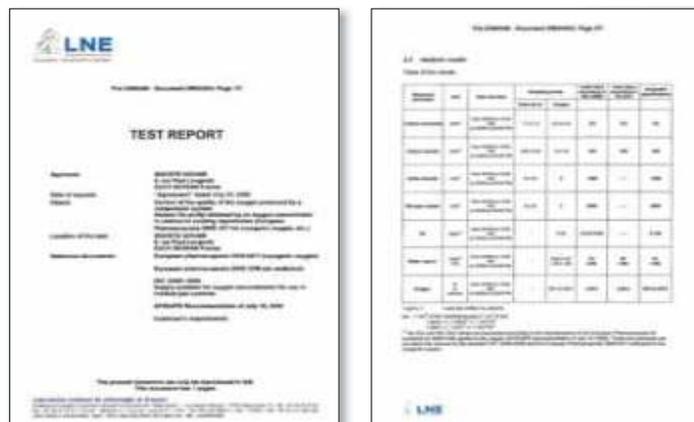
OXYSTAR₉₉ series

Highest purity oxygen generator 99,5%

Oxyplus Technologies Oxystar99 oxygen generators represent the highest achievement of PSA technology, and the results of many years of research & development. Providing an outstanding oxygen quality of 99,5%, Oxystar99 oxygen generators are designed to meet the highest level of oxygen quality requirements.

World exclusive double stage 99,5% separation technology

Oxyplus Technologies is proud to be the only company in the world to master and manufacture double stage oxygen generators with an output oxygen purity of 99,5%, attested by independent laboratories. This unique know-how is the result of over 15 years of research development and optimization of the Pressure Swing Adsorption technology



Quality standards compliance

Our oxygen generators are CE marked as Medical Devices, class lib, and are manufactured in compliance with ISO 10083 and ISO 7396-1. We are also able to comply with HTM 02-01, HTM 2022 and NFPA 99c. The oxygen quality produced by our oxygen generators exceeds the highest standards of quality of the European and United States Pharmacopoeias (see page 3).



CE 1250

Maintenance friendly

Oxyplus oxygen generators only require a very light servicing. Regular maintenance is limited to the replacement of filtering elements every 6 months. Furthermore, the ergonomic cabinet allows excellent component accessibility and all maintenance tasks can be carried out through one single side of the equipment.

High efficiency molecular sieve

Our patented molecular sieve has made the reputation of our oxygen generators for over 15 years. The high efficiency Oxyplus synthetic crystal zeolites offer unique adsorption and purification properties which are the key to high purity oxygen and ensure the longest service life.

Secured ergonomic cabinet

As a manufacturer of medical devices, Oxyplus Technologies cares a lot about the design of its equipments. All components of the oxygen generator are securely installed in an ergonomic metal cabinet which, in addition to giving a good-looking appearance to the oxygen generator, protects all components from external water and dust, and from unauthorized access

Oxygen quality control

So as to continuously ensure that the oxygen quality remains at 99,5%, OxyStar⁹⁹ oxygen generators are supplied with a state of the art paramagnetic oxygen analyzer which can be completed with a whole set of gas analysers to also monitor CO, CO₂, Oxygen dew point, NO/NO₂ and SO₂.

VISI02 touch screen control panel

Based on a robust PLC architecture and a high definition colour touch screen panel, the VISI02 Control automatically controls and monitors the oxygen generator package. Oxygen purity and pressure are displayed on the screen and can be recorded 24h/24 on SD Card. This powerful oxygen generator controller also gives access to an enhanced alarming management system and is capable of drawing historical trending curves. VISI02 can manage permutations between two oxygen generators and can be remotely controlled through Internet, Smartphones or specific hospital data networks. Very easy to use, the VISI02 is available in many different languages.



Main characteristics

Oxygen production pressure : 6 bar (87 PSI)*

Oxygen production quality:

Oxygen	99,5%
Dew point	-75 °C (-107°F)
CO	< 2 ppm (0.0002%)
CO ₂	< 150 ppm (0.015%)
SO ₂	0 ppm
NO ₂	0 ppm
Oil	< 0.1 mg/m ³

Control power: 230V 50/60 Hz, Single phase, 1 A

* Available in 10 bar (145 PSI) version



ORLANE series

More oxygen, more savings

Oxyplus Technologies Orlane oxygen generators are an answer to today's hospitals budget constraints, providing on-site medical grade oxygen production at 93% ±3%, in full compliance with European pharmacopeia and in the best cost effective conditions.

CPU Controller

Orlane oxygen generators are automatically controlled and monitored by CPU Controller which is a PLC based system, composed by a logic controller, a digital screen and an ergonomic control panel. Main informations such as oxygen purity hour meters or active defaults list are displayed on the CPU digital screen. Very easy to use, the CPU Controller is available in different languages.



Quality standards compliance

Our oxygen generators are CE marked as Medical Devices, class IIB, and are manufactured in compliance with ISO 10083 and ISO 7396-1. We are also able to comply with HTM O2-01, HTM 2022 and NFPA 99c. The oxygen quality produced by our oxygen generators exceeds the highest standards of quality of the European and United States Pharmacopoeias (see page 3).



CE 1250

Medical compliant working pressure

Oxyplus Technologies oxygen generators directly produce oxygen at the required working pressure of the medical gas piping system of the hospital, between 4.5 and 6 bar (65 to 87 psi), to ensure that the oxygen pressure in the operating room, ICU or patient room will not be less than 4 bar (58 psi), according to international standards.

1.0 bar working pressure is available in option for hospitals equipped with a double stage medical gas network



Compact, economic architecture

Supplied on a turnkey basis, the Orlane skid is very compact and allows an easy installation on site. All equipments such as the main cabinet, valves, manifolds and zeolites are preassembled on the skid in our factory. Consequently installation, start-up and commissioning can generally be completed in less than three days.



Energy saving

The high efficiency of Oxyplus molecular sieve and our continuous R&D improvement lead to the lowest energy consumption ever met. Moreover, the CPU controller control proposes an energy saving working mode which can lead to up to 50% energy savings compared to traditional PSA systems.



Patented molecular sieve protection system

To guarantee that the molecular sieve will not be damaged by oil/water mixture coming from the air compressor, all Oxyplus oxygen generators feature a patented protection system which stops the oxygen production process before the molecular sieve could be damaged.

Maintenance friendly

Oxyplus oxygen generators only require a very light servicing. Regular maintenance is limited to replacement of filtering elements every 6 months. Furthermore, the ergonomic cabinet allows excellent component accessibility and all maintenance tasks can be carried out through one single side of the equipment.



Main characteristics

Oxygen production pressure : 4.5 to 6 (65 to 87 PSI)

Oxygen production quality:

Oxygen	93% ± 3%
Dew point	-75 °C (-107°F)
CO	< 2 ppm (0.0002%)
CO2	< 150 ppm (0.015%)
SO2	0 ppm
NO2	0 ppm
Oil	< 0.1 mg/m ³

Control power: 230V 50/60 Hz, Single phase, 1 A



VISIO₂ CONTROL

State of the art Information Technology

Based on a robust PLC architecture and a wide high definition colour touch screen panel, VISIO2 Control automatically controls and monitors the oxygen generator package. Oxygen purity and pressure are displayed on the screen and can be recorded 24h/24 on SD Card.

This powerful oxygen generator controller also gives access to an enhanced alarming management system and is capable of drawing his torical trending curves.

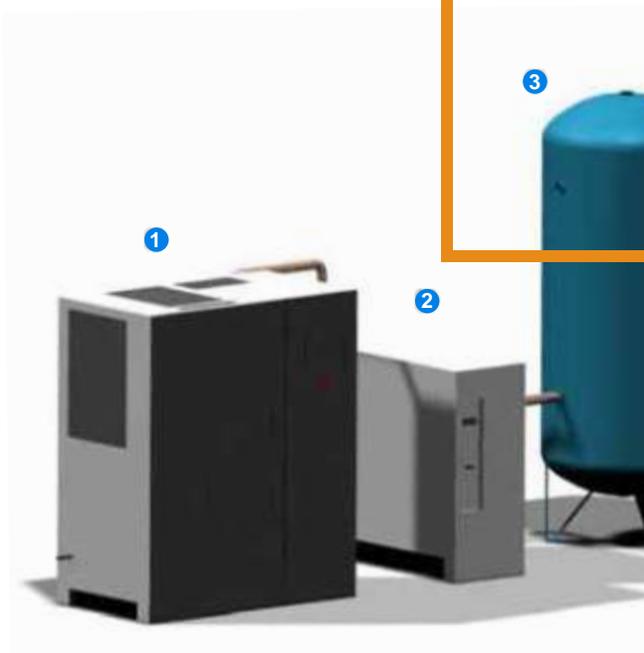
VISIO2 can manage permutations between two oxygen generators and can be remotely controlled through Internet, Smartphones (such as I phone/I pad) or specific hospital data networks. Very easy to use, the VISIO2 is available in many different languages.

Long term data storage is available through an SD Card drive installed in the VISIO2 Control, which continuously records the oxygen production parameters (pressure, purity, etc.) ensuring a full historical traceability and quality control. Data are stored in Excel™ files.

TheVisio2 Control is a comprehensive monitoring and management, system. Data exchange between the VISIO2 control and the IT system of the hospital can be carried out by various communication protocols (Modbus, Profibus, CANbus...) and through many different ways (GSM modem, Telephone network, Ethernet, RS 232/485,...).



5



Oxygen Production Line

1 Rotary screw compressor

- Produces the compressed air which feeds the oxygen generator
- Designed for a 24h/24 duty profile
- With energy-saving motor to minimise the energy costs

2 Air treatment line

- Refrigeration dryer which ensures quality dry compressed air as per ISO 8573-1
- Air filter providing clean oil-free compressed air with minimal pressure drop
- Condensate drain protecting filters and ensuring minimal air +3°C pressure dew point

3 Air receiver

- Compliant with European Pressure Equipment Directive (PED) EC 97/23
- Long service life

4 Medical oxygen generator

- Providing medical oxygen in compliance with European Pharmacopeia and USP monograph
- Air filter providing clean oil-free compressed air with minimal pressure drop

5 Visio2 Control

- Based on a robust PLC architecture and a high definition colour touch screen panel
- Controls the oxygen generator and monitors the complete installation
- Long-term data records for reporting analysis, control and
- Historical logging of defaults
- Manages permutations between oxygen generators for multiplex installations
- Remote access and monitoring through Internet, RS 232 or telephone network

6 Oxygen receiver

- Compliant with European Pressure Equipment Directive (PED) EC 97/23 - Oxygen Group I
- Certified for oxygen use by stamping «Oxygen» and manufacturer certificate

7 Sterile medical grade filter

- Stainless steel housing
- Absolute filtration rating < 0.01 µm
- Bacterial retention greater than 107 CFU/cm²

8 Communication

- Visio2 control can be remotely accessed through any local computer network, Internet, or telephone network
- Messages can be forwarded to service technician's mobile phone.
- Dedicated Iphone / Ipad application is available for remote monitoring



High efficiency molecular sieve

Our patented molecular sieve has made the reputation of our oxygen generators since 15 years. The high efficiency Oxyplus synthetic crystal zeolites offer unique adsorption and purification properties which are the key to high purity oxygen and ensure the longest service life.



Sterile medical grade oxygen filtration

With an absolute filtration rating $< 0.01 \mu\text{m}$ and a bacterial retention greater than 10^7 CFU/cm^2 , the final sterile filtering cartridge has been especially designed for medical oxygen filtration. The element is housed in a stainless steel filter and ensures that the oxygen delivered to the hospital does not contain any particle or bacteria.



Medical compliant working pressure

Oxyplus Technologies oxygen generators directly produce oxygen at the required working pressure of the medical gas piping system of the hospital, between 4.5 and 6 bar (65 to 87 psi), to ensure that the oxygen pressure in the operating room, ICU or patient room will not be less than 4 bar (58 psi), according to international standards. 10 bar working pressure is available upon request for hospitals equipped with a double stage medical gas network.



Medical grade hard piping

All oxygen piping of our oxygen generators are made of specifically chosen hard materials such as degreased medical grade copper pipes, so as to guarantee the production of medical grade oxygen, free of any trace of contaminant. All components and parts in contact with oxygen pass through a quality control process which insures oxygen compatibility and a high degree of cleanliness.



Recording capacities

An SD Card drive is installed in the VISIO2 Control so as to continuously record the oxygen production parameters (pressure, purity, etc.) ensuring a full historical traceability and quality control. Data are stored in Excel™ files.



Medical gas quality monitor

In order to continuously ensure that the oxygen quality is compliant with the local or international regulations, Oxyplus oxygen generators are supplied with an oxygen analyser which can be completed with a whole set of gas analysers to also monitor CO, CO₂, Oxygen dew point, NO/ NO₂ and SO₂.



ENGINEERING, INSTALLATION & AFTER SALES SERVICE

A professional and expert support

Professional engineering

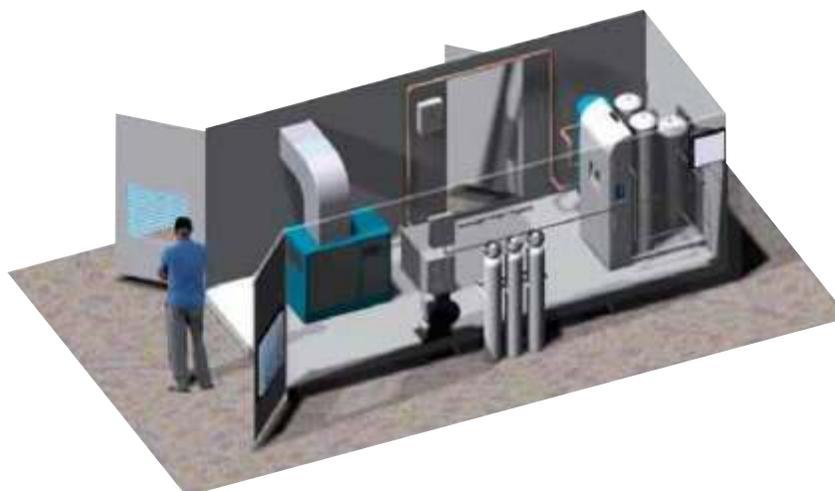
Oxyplus Technologies provides comprehensive analysis of the medical oxygen consumption of each hospital. This enables the planning & design of tailored-made systems to meet all medical oxygen requirements from healthcare facilities.

Our service combines tried and tested oxygen generators components, with cutting edge technology and expert support to ensure maximum efficiency. Designed for maximum reliability Oxyplus oxygen generators provide exceptional efficiency and medical grade oxygen production at the lowest possible cost. Use this expertise to your advantage and let Oxyplus design your oxygen system.



All in one containerized oxygen plant

OXYPLUS Technologies can manufacture and deliver a turnkey oxygen plant mounted in a specifically designed cabin or container for outdoor use, which can be ready for operation within two hours after arrival in the hospital site. The cabin does not require any technical room construction and can be placed anywhere outside the hospital building. Besides, the system is completely mobile and can be easily moved to another location when necessary



Test certificate

Every oxygen generator manufactured is tested and approved on a cutting edge tailor-made test bench, and are delivered with a serialized quality & test certificate, signed by one of our quality inspector. All regulatory certificates such as CE certificate, free sale certificate, Pressure vessels certificate, are also supplied as a part of the oxygen generator user's documentation.

TECHNICAL SPECIFICATIONS

Main characteristics

Premium HF



Model	Oxygen Purity	Working Pressure		Max. Oxygen flow @27°C		Connections	
		bar	psi	m ³ /h	l/min	Air Inlet	Oxygen Outlet
Premium 45 HF	95% ± 1	45-6	65 - 87	2.6	44	1/2" G	1/2" G
Premium 90 HF	95% ± 1	45-6	65 - 87	5.3	88	3/4" G	1/2" G
Premium 130 HF	95% ± 1	45-6	65 - 87	8.1	135	3/4" G	1/2" G
Premium 170 HF	95% ± 1	45-6	65 - 87	10.6	177	3/4" G	1/2" G
Premium 230 HF	95% ± 1	45-6	65 - 87	14.3	239	1" G	1/2" G
Premium 270 HF	95% ± 1	45-6	65 - 87	16.6	278	1" G	1/2" G
Premium 300 HF	95% ± 1	45-6	65 - 87	22.3	372	1" G	1/2" G
Premium 400 HF	95% ± 1	45-6	65 - 87	26.2	437	1" G	1/2" G
Premium 540 HF	95% ± 1	45-6	65 - 87	32.4	541	1" ½ G	1/2" G
Premium 620 HF	95% ± 1	45-6	65 - 87	28.6	645	1" ½ G	3/4" G
Premium 700 HF	95% ± 1	45-6	65 - 87	43.6	728	2" G	3/4" G
Premium 830 HF	95% ± 1	45-6	65 - 87	52	866	2" G	3/4" G
Premium 1160 HF	95% ± 1	45-6	65 - 87	72	1214	2" ½ G	1" G
Premium 1530 HF	95% ± 1	45-6	65 - 87	95.6	1594	2" ½ G	1" G

Oxystar₉₉



Model	Oxygen Purity	Working Pressure		Max. Oxygen flow @27°C		Connections	
		bar	psi	m ³ /h	l/min	Air Inlet	Oxygen Outlet
Oxystar 99-35	99.5%	6.0	87	2.2	36	3/4" G	1/2" G
Oxystar 99-77	99.5%	6.0	87	4.8	80	3/4" G	1/2" G
Oxystar 99-105	99.5%	6.0	87	6.8	112	1" G	1/2" G
Oxystar 99-153	99.5%	6.0	87	9.6	159	1" G	3/4" G
Oxystar 99-219	99.5%	6.0	87	13.6	227	1" ½ G	3/4" G
Oxystar 99-300	99.5%	6.0	87	17.2	286	1" ½ G	3/4" G
Oxystar 99-330	99.5%	6.0	87	20.8	346	2" G	3/4" G
Oxystar 99-415	99.5%	6.0	87	26	434	2" G	3/4" G



Model	Oxygen Purity	Working Pressure		Max. Oxygen flow @27°C		Connections	
		bar	psi	m³/h	l/min	Air Inlet	Oxygen Outlet
Orlane 50	93% ±3	4.5 - 6	65 - 87	3.1	52	1/2" G	1/2" G
Orlane 100	93% ±3	4.5 - 6	65 - 87	6.2	104	3/4" G	1/2" G
Orlane 150	93% ±3	4.5 - 6	65 - 87	9.4	156	3/4" G	1/2" G
Orlane 200	93% ±3	4.5 - 6	65 - 87	12.5	208	3/4" G	1/2" G
Orlane 270	93% ±3	4.5 - 6	65 - 87	16.8	281	1" G	1/2" G
Orlane 300	93% ±3	4.5 - 6	65 - 87	18	302	1" G	1/2" G
Orlane 400	93% ±3	4.5 - 6	65 - 87	22.5	374	1" G	1/2" G
Orlane 500	93% ±3	4.5 - 6	65 - 87	30	499	1" G	1/2" G
Orlane 600	93% ±3	4.5 - 6	65 - 87	36	593	1" ½G	1/2" G
Orlane 720	93% ±3	4.5 - 6	65 - 87	43	712	1" ½G	3/4" G
Orlane 900	93% ±3	4.5 - 6	65 - 87	52	866	2" G	3/4" G
Orlane 1200	93% ±3	4.5 - 6	65 - 87	68	1126	2" G	3/4" G
Orlane 1500	93% ±3	4.5 - 6	65 - 87	89	1490	2" ½ G	1" G
Orlane 2000	93% ±3	4.5 - 6	65 - 87	110	1838	2" ½ G	1" G

Oxygen production quality

Dew point	-75 °C (-107°F)
CO	< 2 ppm (0.0002%)
CO2	< 150 ppm (0.015%)
SO2	0 ppm
NO2	0 ppm
Oil	< 0.1 mg/m³

For more complete technical specifications about a given oxygen generator model, please refer to its technical datasheet which will be supplied by an Oxyplus Technologies sales representative upon request.

Main options available

- Oxygen analyzers and flowmeters
- Medical Gas Quality Monitor for CO/CO2, Dew point, NO/NO2, and SO2
- 10 bar oxygen booster for double stage medical gas network
- Oxygen cylinders filling stations 200 bars and up
- Communications module (SMS, Ethernet, Smartphones ...)
- Turnkey containerized systems
- More options available upon request



OXYPLUS Technologies in the world
More then 400 oxygen generators running all around
the world in hospitals



Contact us

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Since 1900

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