

# MODULO<sub>2</sub>



**Plug and play oxygen generator:**

- Compact and mobile
- Oxygen 93% +/- 3%
- 10 to 20lpm
- 3.8 bar outlet pressure



**NOVAIR**

# Plug & play oxygen generator

## MODULO<sub>2</sub>

Forget high pressure cylinders and liquid oxygen deliveries, NOVAIR has designed Modulo<sub>2</sub>, a **compact and mobile oxygen generator**, producing and delivering, **on site 10 to 20 lpm of oxygen 93% at 3.8 bar**.

With this user friendly device based on PSA technology, become **your own supplier of oxygen**, from an **unlimited, universal and free raw material : air**.

### Technical Data

	Modulo <sub>2</sub> - 10	Modulo <sub>2</sub> - 20**
Maximum flow	10 l/min	20 l/min
Max outlet pressure	3.8 bar	3.8 bar
Dimensions	40 x 42 x 108 cm	40 x 60 x 112 cm
Weight	70 kg	105 kg
Power supply	230 V - 50 Hz / 5A	230 V - 50 Hz / 10A
Sound level	58 db (A)	59 db (A)
Yearly regular maintenance	Replacement of suction and anti-bacterial oxygen filter once or twice a year	

\*\* New design under development

High definition colour touch-screen 4.5"

Large stainless steel handle

Ergonomic and compact cabinet combining aesthetic and robust materials : steel case, tempered glass top surface

Standards wheels (Ø 65 mm)

#### Key features :

- Plug and play oxygen generator
- Compact, mobile & silent
- 10 to 20 l/min oxygen flow at 3.8 bar
- Integrated feed air unit
- Integrated PSA columns
- Integrated oxygen analyzer
- Fully automatic

#### Available options :

- Digital flow meter
- External oxygen tank
- High pressure filling system

NEXT  
GENERATION  
PSA

Bottom valve G 1/4 included as standard

Rear drawer for easy maintenance





# Oxygen 93% on demand

## Main applications:

### ■ Glass Manufacturing

The use of pure oxygen in the glass manufacturing process significantly improves performance and glass quality. ModulO2 has proved its efficiency for the oxygen supply of a blowtorch.



### ■ Fish Farming

An oxygen rich environment is necessary to grow healthy fishes. The addition of oxygen in fish farms ponds ensures a proper oxygen balance while fish production density is rising. ModulO2 is particularly appropriate to supply oxygen to small ponds.



### ■ Laboratories

ModulO2 can be used as main oxygen supply for laboratories with no or a small piping network. It can be connected directly to analysis equipment.



### ■ Veterinary

A reliable oxygen supply is critical for veterinary clinics. Whether it is connected to a small medical gas piping network or directly to an anaesthetic machine or ICU ventilator, ModulO2 ensures a continuous supply of oxygen on site.

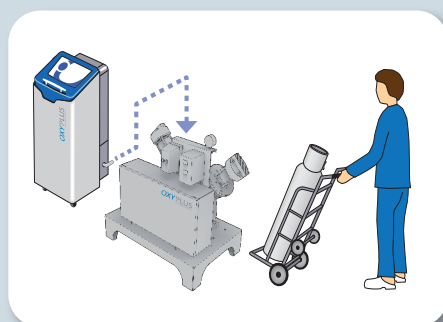


### ■ High Pressure filling system

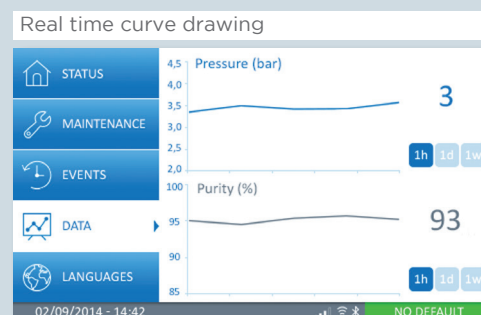
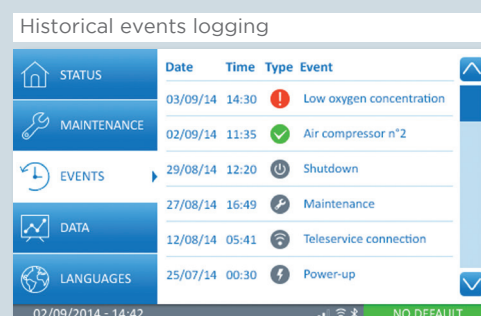
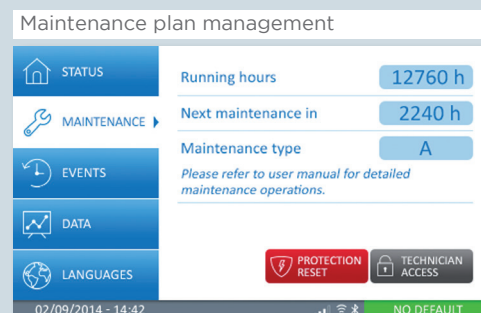
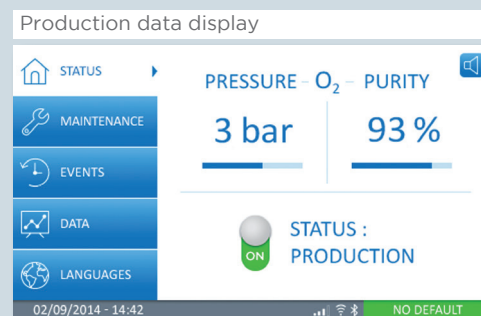
For industrials willing to fill their own back up cylinders, ModulO2 can be connected to a small filling system.

■ Filling capacity : 1.2m3/h

■ Filling pressure : 150 bar



ModulO2 multilingual HMI including user-friendly touch screen for an easy operation and maintenance







Founded in France in 1977, NOVAIR is specialized in the design and manufacturing of on-site gas systems including PSA oxygen generators of all capacities.

With our experience of large industrial projects, we are able to take up the most ambitious challenges, in accordance with the highest engineering standards.

We operate from our French headquarters located nearby Paris, and in over 110 countries through a wide network of authorized local distributors.



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