

ONSITE IS OUR WORLD

Generator	OXYBERG 8100 POC
Serial No.	1009700606
Dimensions	850x1600x2200 LxWxH (mm)
Design pressure	11 bar
Operating pressure	7 bar
Net weight	930 kg
Noise level	55 max 85 dB (A)
Ambient temperature	+5 to +40 °C
Electrical connection	230V 50Hz 110V 60 Hz
Power consumption	150 W
Safety class	54 IP
Inlet Filtration	0,01 micron
Inlet Filtration (Active carbon filter)	0,003 micron
Outlet Filtration	3 to 5 micron
Temperature *	20 °C
Above Sea Level *	0 m
Pressure *	1,0133 bar
Humidity *	70 %

* Consult Inmatec for performance under other specific conditions



Oxygen Purity	90%	93%	95%
Capacity Nm ³ /h	12,00	11,00	10,00
Compressed air factor	10,00	10,00	10,00
Compressed air Nm ³ /h	120,00	110,00	100,00
Compressed air m ³ /h *	130,89	119,99	109,08
Product vessel (l)	500	500	500
Compressed air vessel (l)	500	500	500
Compressed air inlet	½"	½"	½"
Connection O ₂ output	½"	½"	½"
Connection Silencer	DN 63	DN 63	DN 63

Generator Spezifikation

PSA Oxygen Generators separate oxygen from pressurised air. The composition of the product is determined by measuring the residual oxygen content.

The oxygen content is calculated by subtracting the residual oxygen content from 100 %.

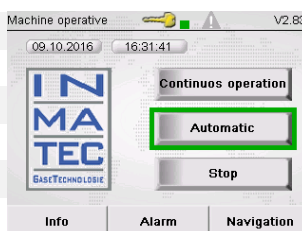
Air is composed of nitrogen (78.1%), oxygen (20.9 %), Argon (0.9 %), CO₂ (0.03 %), and some trace inert gases.

Compressed air specification

Dew point +3 °C, Air quality: according to ISO 8573.1, class 1 solid particulates and oil class 4 humidity, free of all contamination (free of ozone)

Touch Control Panel

Standard	Option
Oxygen Analyser	Inlet pressure
Outlet Pressure	Inlet temperature
Alarm	Dew point
English/German	Flow



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