

ONSITE IS OUR WORLD



Generator	POC 8500 med
Serial No.	1009700631
Dimensions	1260x2110x2820 LxWxH (mm)
Design pressure	11 bar
Operating pressure	7 bar
Net weight	2.800 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 (sterile)	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	93%
Capacity Nm ³ /h	37,30
Compressed air factor	10,00
Compressed air Nm ³ /h	373,00
Compressed air m ³ /h *	406,86
Product vessel (l)	1.500
Compressed air vessel (l)	2.000
Compressed air inlet	1"
Connection O ₂ output	½"
Connection Silencer	DN 125

Med Spezifikation

Stainless steel valves and piping

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	Option
Oxygen Analyser	Inlet Pressure	Dew Point Outlet
Outlet Pressure	Inlet Temperature	Dew Point Inlet
Alarm Handling	Flow	Automatic Pure Technology
Trend Display	Basic Load Change	Auto Restart
Data Storage / Export	Analog Outputs	CO and CO ₂ Analyser
Multilingual	Profinet	
Purity Selection	Modbus	
Operating Hours	Remote Control	
Timer	Alarm via E-Mail	

