

OXYGEN GENERATOR

IMT POC Med

NEW



POC MED -
MEDICAL
O₂ SELF-SUPPLY

Our INMATEC POC Med oxygen technology produces medical oxygen with a purity up to 95% and in quantities of 7,5 – 352 Nm³/h.

PROCESS:

The INMATEC Pressure Swing Adsorption process separates the nitrogen molecules from the oxygen molecules. You can then use the pure oxygen in a wide range of medical applications, mobile or stationary.

Latest Flow Technique and Innovative Rotator Engineering are reducing the demand of compressed air and lowers the energy costs significantly. The efficiency of the system is raised to an optimum!



ONSITE IS OUR WORLD

ADVANTAGES:

- Higher Efficiency, Low Maintenance
- Easy, Reliable and Documented Supply of Medical Oxygen
- Autopure Technology
- Constant Measurement of O₂ Purity and Outlet Pressure
- Easy Handling & Control: Touch-Control-Panel L
- Filtration as Standard / Sterile Filter
- Oxygen Analyser Sensor

Options:

- Redundant
- Modular Extension
- Basic Change Load
- Flow Measurement
- Modbus
- Profinet
- CO / CO₂
- Remote Monitoring Box
- Temperature Sensor
- Dew Point Sensor
- Inlet Pressure Sensor





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Compressed Air Specifications

Temperature Range: +5° C to +50° C

Air Quality: ISO 8573.1, Class 1: Dirt and Oil, Class 4: Water

Pressure Dew Point: +3° C

Ambient Conditions

Temperature Range: +5° C to +40° C

Optional Temperature Range: -50° C to +60° C

Technical Data

Electric Supply: 230 V / 50 Hz (110 V / 60 Hz)

Power Consumption: 150 W

Protection Class: IP 54

Noise Level: From 55 to max. 78 dB(A)

Operating Pressure: Up to 11 bar (Standard: 7 bar)



ISO 13485:2016



ISO 9001:2015

Certified quality management system in accordance with ISO 9001:2015.

Capacity (Nm³/h)

Oxygen Purity	93 %	95 %
IMT POC 8150 Med	0,6	0,5
IMT POC 8250 Med	1,1	1,0
IMT POC 8350 Med	2,3	2,0
IMT POC 8450 Med	3,5	3,3
IMT POC 8550 Med	5,0	4,3
IMT POC 8650 Med	8,1	7,1
IMT POC 8000 Med	8,4	7,5
IMT POC 8100 Med	11,0	10,0
IMT POC 8200 Med	13,2	12,0
IMT POC 8300 Med	16,8	15,5
IMT POC 8400 Med	26,6	24,2
IMT POC 8500 Med	37,3	33,9
IMT POC 8600 Med	54,5	49,5
IMT POC 8700 Med	72,0	65,5
IMT POC 8800 Med	95,0	87,0
IMT POC 8900 Med	125,0	107,0
IMT POC 8910 Med	139,8	127,1
IMT POC 8920 Med	175,0	160,0
IMT POC 8930 Med	220,0	200,0
IMT POC 8940 Med	264,0	240,0
IMT POC 8950 Med	352,0	320,0

All values apply at 7 bar inlet pressure,
20 °C ambient temperature and 20 °C compressed air temperature.
All information without guarantee and not legally binding.