

# OXYGEN GENERATOR

## IMT POC Med

# NEW



### POC MED – MEDICAL O<sub>2</sub> SELF-SUPPLY

Our INMATEC POC Med oxygen technology produces medical oxygen with a purity up to 95% and in quantities of 0,5 – 352 Nm<sup>3</sup>/h.

#### PROCESS:

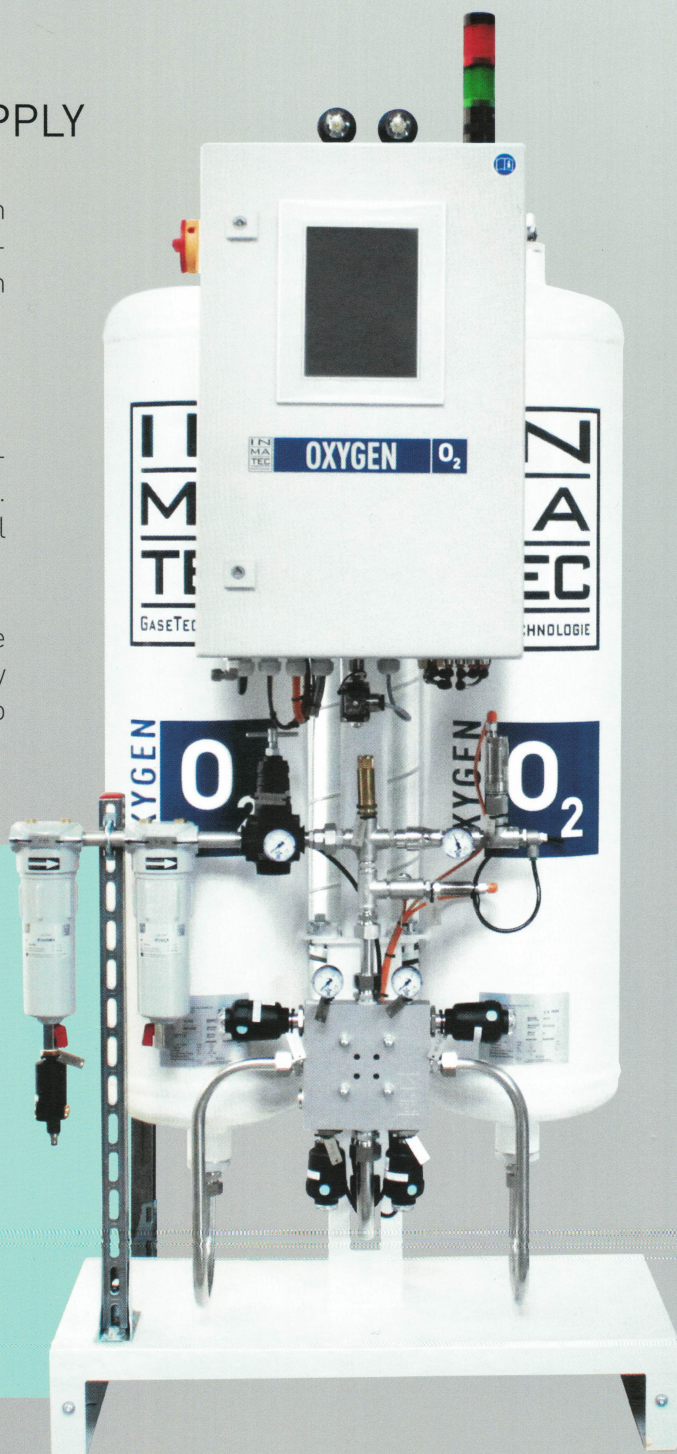
The INMATEC Pressure Swing Adsorption process separates the nitrogen molecules from the oxygen molecules. You can then use the pure oxygen in a wide range of medical applications, mobile or stationary.

Latest Flow Technique and Innovative Rotator Engineering are reducing the demand of compressed air and lower 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 O<sub>2</sub>
- Autopure Technology
- Constant Measurement of the Oxygen Purity and Outlet Pressure
- Easy Handling & Control: Touch-Control-Panel L
- Filtration as Standard / Sterile Filter
- Oxygen Analyser Sensor



#### Options:

- |                     |                         |                             |
|---------------------|-------------------------|-----------------------------|
| ■ Redundant         | ■ Modbus                | ■ Temperature Sensor        |
| ■ Modular Extension | ■ Profinet              | ■ Pressure Dew Point Sensor |
| ■ Basic Change Load | ■ CO / CO <sub>2</sub>  | ■ Inlet Pressure Sensor     |
| ■ Flow Measurement  | ■ Remote Monitoring Box |                             |



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INMATEC  
GaseTechnologie  
GmbH & Co.KG

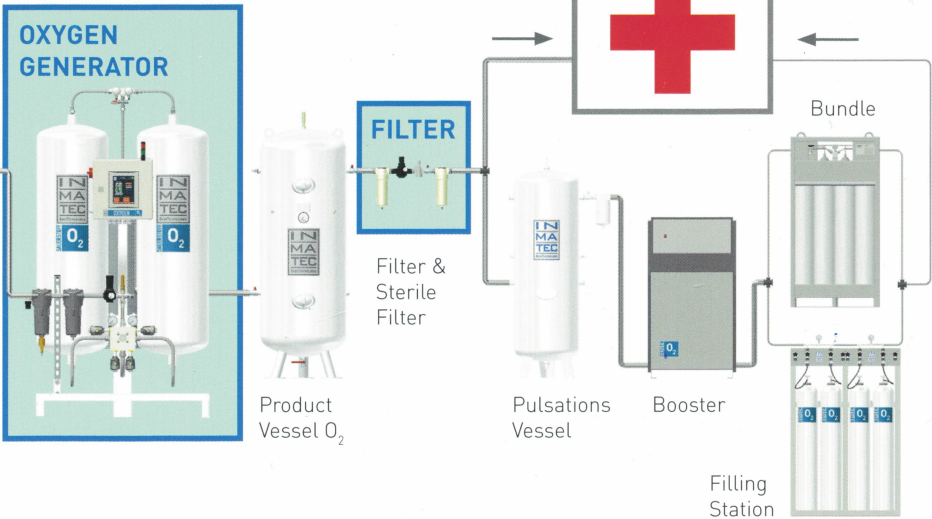
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COMPRESSED AIR  
AND FILTRATION



OXYGEN  
APPLICATION



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 |

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)



DIN ISO 7396-1:2016



ISO 13485:2016  
Directive 93/42/EEC



ISO 9001:2015

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