

# OXYGEN GENERATOR

## IMT PO OnTouch



### ONTOUCH – YOUR O<sub>2</sub> SELF-SUPPLY

Our INMATEC OnTouch oxygen technology produces oxygen with a purity of up to 95%, and in quantities of 0,5 – 8,9 Nm<sup>3</sup>/h.

### PERMANENT O<sub>2</sub> SUPPLY

#### PROCESS:

The INMATEC Pressure Swing Adsorption process separates the nitrogen molecules from the oxygen molecules.

You may then use the pure oxygen in a wide range of applications.

### ONSITE IS OUR WORLD

#### ADVANTAGES:

- Low-Maintenance Design
- Easy, Reliable and Documented Oxygen Supply
- Filtration as Standard
- Continuous Measurement of the O<sub>2</sub> Purity and the Outlet Pressure
- Easy Handling & Control:  
Touch-Control-Panel L

#### Options:

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

## Special Design

Stainless Steel, ATEX, IP 65, ASME



ISO 9001:2015

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

## Capacity (Nm<sup>3</sup>/h)

| Oxygen Purity       | 90% | 92% | 93% | 94% | 95% |
|---------------------|-----|-----|-----|-----|-----|
| IMT PO OnTouch 1150 | 0,6 | 0,6 | 0,6 | 0,5 | 0,5 |
| IMT PO OnTouch 1250 | 1,2 | 1,1 | 1,1 | 1,0 | 1,0 |
| IMT PO OnTouch 1350 | 2,4 | 2,3 | 2,3 | 2,1 | 2,0 |
| IMT PO OnTouch 1450 | 3,6 | 3,5 | 3,3 | 3,1 | 3,0 |
| IMT PO OnTouch 2150 | 5,4 | 5,2 | 5,0 | 4,5 | 4,3 |
| IMT PO OnTouch 2350 | 8,9 | 8,5 | 8,1 | 7,4 | 7,1 |