

OXYGEN GENERATOR

IMT PO OnTouch

ONTOUCH – PERMANENT O₂ SUPPLY

Our INMATEC OnTouch oxygen technology produces oxygen with a purity of up to 95%, and in quantities of 0.5 – 500 Nm³/h.

CONSTANT OXYGEN 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.

BENEFITS:

- Easy, Reliable, and Documented Oxygen Supply
- Continuous Measurement of O₂ Purity
- Low-Maintenance Design
- Easy to Use and Control with Touch Control Panel L
- Filtration as Standard

ONSITE IS OUR WORLD



Options:

- Redundant
- Load Sequencing Control
- Modular Extension
- Sterile Filter

Sensors:

- Flow Measurement
- Pressure Dew Point
- Inlet Pressure
- Temperature
- CO / CO₂

Interfaces:

- Modbus
- Profibus
- Remote Monitoring Box



MADE IN GERMANY



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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: 230V / 50Hz (110 V / 60Hz)
 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, Explosion Protection, Atex, IP 65, ASME



ISO 13485:2012



DIN ISO 10083:2008



SCESm 001
CE 1250



ISO 9001:2015

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

Capacity (Nm³/h)

Oxygen Purity	90%	92%	93%	94%	95%
IMT PO 1150 OnTouch	0.6	0.6	0.6	0.5	0.5
IMT PO 1250 OnTouch	1.2	1.1	1.1	1.1	1.1
IMT PO 1350 OnTouch	2.4	2.3	2.3	2.1	2.0
IMT PO 1450 OnTouch	3.6	3.5	3.3	3.1	3.0
IMT PO 2150 OnTouch	5.4	5.2	5.0	4.5	4.3
IMT PO 2350 OnTouch	8.9	8.5	8.1	7.4	7.1
IMT PO 2550 OnTouch	10.9	10.4	9.9	8.9	8.4
IMT PO 3000 OnTouch	12.9	12.3	11.6	10.5	9.8
IMT PO 3150 OnTouch	15.0	14.3	14.0	13.6	12.9
IMT PO 3250 OnTouch	18.0	17.2	16.8	16.3	15.4
IMT PO 3350 OnTouch	21.0	20.0	19.4	19.0	18.0
IMT PO 3380 OnTouch	30.0	29.0	28.0	27.0	26.0
IMT PO 3450 OnTouch	38.0	36.0	35.0	34.0	33.0
IMT PO 3550 OnTouch	45.5	43.0	42.0	41.0	39.0
IMT PO 3650 OnTouch	53.0	50.0	49.0	48.0	45.0
IMT PO 3850 OnTouch	84.0	80.0	77.4	76.0	72.0
IMT PO 4150 OnTouch	108.0	103.0	99.5	97.3	92.0
IMT PO 4250 OnTouch	125.0	118.0	114.0	112.0	105.0
IMT PO 4350 OnTouch	156.0	148.3	144.0	140.5	133.0
IMT PO 4450 OnTouch	186.0	176.0	172.0	160.0	156.0
IMT PO 4550 OnTouch	240.0	228.0	211.0	216.0	204.0
IMT PO 4650 OnTouch	335.0	330.0	320.0	305.0	288.0