INMATEC OnGo oxygen technology produces oxygen in a purity of up to 93% and quantities of 0.6 – 12.90 Nm³/h.

PERMANENT O₂ SUPPLY

PROCESS:
The INMATEC pressure swing adsorption process separates the nitrogen molecules from the oxygen molecules. The pure oxygen can now be used in a wide range of applications.

BENEFITS:
- plug and play – simple and constant oxygen supply
- constant measurement of oxygen purity
- savings from the very first minute
- low-maintenance, compact design

ONSITE IS OUR WORLD

Option:
Inlet and outlet filtration
Compressed air specification

Temperature range: +5 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

Technical dimensions and connections

Dimensions H x W x D (mm): 810 x 690 x 1660 (PO-1150 and PO-1450)
960 x 690 x 2450 (PO-2150 and PO-3000)

Operating pressure: 11 bar
Electrical connection: 110-230 V/60-50 Hz (shock-proof plug)
Noise level: from 55 to max. 78 dB(A)


Capacity (Nm³/h)

<table>
<thead>
<tr>
<th>Oxygen purity (%)</th>
<th>90,0</th>
<th>92,0</th>
<th>93,0</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMT-PO 1150</td>
<td>0,60</td>
<td>0,60</td>
<td>0,60</td>
</tr>
<tr>
<td>IMT-PO 1250</td>
<td>1,20</td>
<td>1,10</td>
<td>1,10</td>
</tr>
<tr>
<td>IMT-PO 1350</td>
<td>2,40</td>
<td>2,30</td>
<td>2,30</td>
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<tr>
<td>IMT-PO 1450</td>
<td>3,60</td>
<td>3,50</td>
<td>3,30</td>
</tr>
<tr>
<td>IMT-PO 2150</td>
<td>5,40</td>
<td>5,20</td>
<td>5,00</td>
</tr>
<tr>
<td>IMT-PO 2350</td>
<td>8,90</td>
<td>8,50</td>
<td>8,10</td>
</tr>
<tr>
<td>IMT-PO 3000</td>
<td>12,90</td>
<td>12,30</td>
<td>11,60</td>
</tr>
</tbody>
</table>

All values apply at 7 bar inlet pressure and 20°C ambient temperature.