The Series AT22000 ATEX/IECEx Approved Series 2000 Magnehelic® Differential Pressure Gage combines the popular Magnehelic® line with a flameproof enclosure to extend usage to hazardous locations. This gage can indicate positive, negative or differential pressures and is accurate within 2%.

**FEATURES/BENEFITS**
- ATEX/IECEx housing provides all the capabilities and value of the Magnehelic® in a flame & explosion proof enclosure
- Quick response to pressure changes means no delay in assessing critical situations
- Durable and rugged housing and high-quality components combined provides long-service life and minimized down-time
- High impact strength and high temperature rated for applications where hazardous service life and minimized down-time exist

**APPLICATIONS**
- Fan and blower pressures
- Air velocity
- Furnace draft
- Liquid levels with bubbler systems
- Pressure in fluid amplifier or fluidic systems

**Attention:** Check local safety rules and warnings on unit and manual for a correct use of the instrument in hazardous area.

**RANGE CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range in w.c.</th>
<th>Model</th>
<th>Range in w.c.</th>
<th>Model</th>
<th>Range in w.c.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000-0N</td>
<td>0.0 to 0.7</td>
<td>2002</td>
<td>0.0 to 1.0</td>
<td>2004</td>
<td>0.0 to 4.0</td>
</tr>
<tr>
<td>2000-00</td>
<td>0.0 to 0.25</td>
<td>2003</td>
<td>0.0 to 0.3</td>
<td>2005</td>
<td>0.0 to 0.5</td>
</tr>
<tr>
<td>2000-0</td>
<td>0.0 to 0.1</td>
<td>2001</td>
<td>0.0 to 0.1</td>
<td>2002</td>
<td>0.0 to 0.2</td>
</tr>
<tr>
<td>2001</td>
<td>0.0 to 0.05</td>
<td>2000</td>
<td>0.0 to 0.05</td>
<td>2000</td>
<td>0.0 to 0.05</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

- Service: Air and non-combustible, compatible gases.
- Wetted Materials: Consult factory.
- Magnehelic® Housing: Die cast aluminum case & bezel with acrylic cover; Exterior finish is coated gray to withstand 168 hour salt spray corrosion test.
- Housing Material: Aluminum.
- Finishing: Texture epoxy coat RAL7038.
- Accuracy: ±2% of FS (±3% on -0.1, -100PA... -60PA, -30MM ranges), throughout range at 70°F (21.1°C).
- Pressure Limits: -20 in Hg to 15 psig (-0.677 bar to 1.034 bar); MP option; 35 psig (2.41 bar), HP option; 80 psig (5.52 bar).
- Overpressure: Relief plug opens at approximately 25 psig (1.72 bar), standard gages only.
- Temperature Limits: 20 to 140°F (-6.67 to 60°C); Low temperature option: -20°F (-28.8°C) (Note: Product temperature limits are less than case limits).
- Mounting Orientation: Diaphragm in vertical position.
- Enclosure Rating: IP66. IP65 with option OPV, overpressure relief valve.
- Process Connections: 1/8” NPT female brass (SS optional). In presence of acetylene it is necessary to use SS.
- Weight: 8.6 lb (3.9 kg).
- ATEX Certificate: BVI 14ATEX0072.
- Agency Approvals: ATEX Compliant C 1370 II 2G Ex d IIC T6 Gb / II 2D Ex db IIIC T85°C Db.

**MODEL CHART**

<table>
<thead>
<tr>
<th>Example</th>
<th>AT2</th>
<th>2001</th>
<th>-X</th>
<th>X</th>
<th>A</th>
<th>O</th>
<th>1</th>
<th>X</th>
<th>T2</th>
<th>AT22001-XX-AO1XT2</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing</td>
<td>AT2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ATEX/IECEx approved Series 2000 Magnehelic® differential pressure gage</td>
<td>$895.00</td>
</tr>
</tbody>
</table>

**Cover**
- O: Glass cover +65.00 |

**Process Connection**
- 1/8” NPT female brass ports +126.00 |

**Overpressure Plug**
- Standard without overpressure relief valve +62.00 |
- Overpressure relief valve +107.00 |

**Tag**
- SS information label +56.50 |

For other engineering unit ranges contact the factory.

[1] Items are subject to Schedule B discounts.