## Traps

**Moisture**
The 580 1800 Series traps are designed for use in high purity gas systems to prevent the possible introduction of moisture into the instrumentation carrier gases. The trap has a maximum flow rate of 70 LPM air at 100 PSIG.

<table>
<thead>
<tr>
<th>Material and Specifications</th>
<th>Moisture Traps</th>
<th>Hydrocarbon Traps</th>
<th>Oxygen Traps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tube</td>
<td>Polycarbonate</td>
<td>Polycarbonate</td>
<td>Aluminum</td>
</tr>
<tr>
<td>Seals</td>
<td>Buna-N</td>
<td>Buna-N</td>
<td>Buna-N</td>
</tr>
<tr>
<td>Filters</td>
<td>316L Stainless steel</td>
<td>316L Stainless steel</td>
<td>316L Stainless steel</td>
</tr>
<tr>
<td>Max Operating Pressure</td>
<td>125 PSIG (8 BAR)</td>
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</tr>
</tbody>
</table>

### Ordering Information

**Moisture Traps**
- 580 1805: 1/8" Brass tube fitting, 36.0 grams (H₂O < 18 ppb), 13X mole sieve
- 580 1806: 1/4" Brass tube fitting, 36.0 grams (H₂O < 18 ppb), 13X mole sieve
- 580 1807: 1/8" Brass tube fitting, 72.0 grams (H₂O < 14 ppb), 13X mole sieve
- 580 1808: 1/4" Brass tube fitting, 72.0 grams (H₂O < 14 ppb), 13X mole sieve
- 580 1800: Refill (1) 580 1807/1808, N/A, 13X mole sieve

**Hydrocarbon Traps**
- 580 1903: 1/8" Brass tube fitting, 30 grams (C₄ Hydrocarbons < 15 ppb), Activated carbon
- 580 1904: 1/4" Brass tube fitting, 30 grams (C₄ Hydrocarbons < 15 ppb), Activated carbon
- 580 1900: Refill (2) 580 1903/1904, N/A, Activated carbon

**Oxygen Traps**
- 580 1602: 1/8" Brass tube fitting, 600 mg (O₂ < 15 ppb), Activated metal
- 580 1604: 1/4" Brass tube fitting, 600 mg (O₂ < 15 ppb), Activated metal

**Indicating Oxygen Traps**
- 580 1606: 1/8" Brass tube fitting, 30 mg (O₂ < 2 ppb), Activated metal
- 580 1609: 1/4" Brass tube fitting, 30 mg (O₂ < 2 ppb), Activated metal