**SERIES IF**

**INDUSTRIAL DIRECT READING FLOWMETERS**

Air/Water Direct Reading Scale, 304 SS Protective Shield

The SERIES IF Industrial Direct Reading Flowmeters are flowmeters that directly measure flow rates up to 116 GPM (439 LPM) for water and 250 SCFM (7080 LPM) for air service.

**FEATURES/BENEFITS**

- **Direct read scales with no need for correlation charts saves time**
- **Detachable, clear 3/16” thick polycarbonate front shield provides protection at maximum rated temperature and pressure**

**APPLICATIONS**

- **Gas or liquid metering**
- **Industrial pneumatic or hydraulic systems**

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**SERIES RSF**

**ROTATABLE SCALE FLOWMETERS**

Dual, Rotatable Direct Reading Scales for Air and Water

The SERIES RSF Rotatable Scale Flowmeters are ideal for the direct flow measurement of air, water, and other commonly used gases. These flowmeters are designed with direct read scales with no need for correlation charts and graduations are marked on a rotating, polycarbonate tube shield. They feature borosilicate glass tubes with brass and SS metering valve options.

**FEATURES/BENEFITS**

- **Reflective lens background and 1.5 X magnification lens reduces parallax and eye fatigue saving time and allowing for a more accurate reading**
- **Long operating life with thick polycarbonate front shield that protects tube from breakage and serves as a magnifying lens to enhance reading resolution**
- **Increased protection with included safety blow-out back panel for added safety in the event of breakage**

**APPLICATIONS**

- **Gas or liquid metering**
- **Water and air pollution analysis systems**

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**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Maximum Flow Rate</th>
<th>Press. Drop</th>
<th>Price</th>
<th>Maximum Flow Rate</th>
<th>Press. Drop</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>IF2700</td>
<td>0.25 (0.95)</td>
<td>1.2 (35)</td>
<td>1</td>
<td>$450.00</td>
<td>IF2710</td>
<td>5 (20)</td>
</tr>
<tr>
<td>IF2701</td>
<td>0.36 (1.3)</td>
<td>1.7 (50)</td>
<td>1</td>
<td>$480.00</td>
<td>IF2711</td>
<td>4.5 (68)</td>
</tr>
<tr>
<td>IF2702</td>
<td>0.76 (3.5)</td>
<td>5.3 (90)</td>
<td>1</td>
<td>$480.00</td>
<td>IF2712</td>
<td>7.4 (27)</td>
</tr>
<tr>
<td>IF2703</td>
<td>1.37 (5.2)</td>
<td>4.2 (120)</td>
<td>2</td>
<td>$560.00</td>
<td>IF2713</td>
<td>3.6 (35)</td>
</tr>
<tr>
<td>IF2704</td>
<td>1.56 (6.0)</td>
<td>6.5 (180)</td>
<td>2</td>
<td>$480.00</td>
<td>IF2714</td>
<td>11 (40)</td>
</tr>
<tr>
<td>IF2705</td>
<td>2.2 (8.2)</td>
<td>8.5 (250)</td>
<td>2</td>
<td>$480.00</td>
<td>IF2715</td>
<td>17 (60)</td>
</tr>
<tr>
<td>IF2706</td>
<td>3.8 (14)</td>
<td>16 (475)</td>
<td>3</td>
<td>$560.00</td>
<td>IF2716</td>
<td>22 (83)</td>
</tr>
<tr>
<td>IF2707</td>
<td>5 (18)</td>
<td>21.5 (650)</td>
<td>5</td>
<td>$560.00</td>
<td>IF2717</td>
<td>26 (96)</td>
</tr>
</tbody>
</table>

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**OPTIONS**

- **Use order code: Description Price**
  - NISTCAL-FL1: NIST traceable calibration certificate $215.00

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**MODEL CHART**

<table>
<thead>
<tr>
<th>Model Without Valve</th>
<th>Model With Valve</th>
<th>Max. Flow Rate</th>
<th>Model Without Valve</th>
<th>Model With Valve</th>
<th>Max. Flow Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brass &amp; SS Vertical In-Line Meters</td>
<td>Brass &amp; SS Panel Mount Meters</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brass</td>
<td>SS</td>
<td>$345.00</td>
<td>SS</td>
<td>$350.00</td>
<td>SS</td>
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<tr>
<td>Air</td>
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<td>$350.00</td>
<td>Air</td>
<td>$399.00</td>
<td>$599.00</td>
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<tr>
<td>SCFM</td>
<td>$345.00</td>
<td>$399.00</td>
<td>SCFM</td>
<td>$560.00</td>
<td>$599.00</td>
</tr>
</tbody>
</table>

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**OPTIONS**

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**DIMENSIONS**

- **Tube Size | Female NPT | A | B | C | D**
- **1 and 2 | 2 | 50.5 | 0 | 127 | 9.54 | 22.5 | 25.7 | 8.04 | 204 |
- **3 and 4 | 2.2 | 30.5 | 0 | 148 | 9.55 | 22.6 | 25.9 | 8.04 | 204 |
- **5 and 6 | 2.7 | 31.5 | 0 | 159 | 15.59 | 386 | 5.25 | 133 | 11.55 | 293 |

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**SPECIFICATIONS**

- **Service:** Liquids or gases.
- **Wetted Materials:** Flowtube: Borosilicate glass; Float: brass. 
- **Turn-Down Ratio:** 10:1.
- **Scale:** Dual scale GPM and SCFM.
- **Process Connection:** See table.
- **Front Shield:** Polycarbonate.
- **Side Panels:** 304 SS.
- **Flowmeters, Variable Area & In-Line**

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**USA: California Proposition 65**

\*WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov