Oxygen and Medical Air Pressure Compensated Flowmeters (ANSI)

DESCRIPTION AND APPLICATION

The Pressure Compensated Flowmeter is designed to meet strict standards of durability and precision. The base is constructed of solid brass and full body gas specific colored labeling*. Flowmeters are available with a wide variety of options including DISS power outlets and twin flowmeter configurations. They are also available with an optional plastic DISS tubing nipple and a multitude of wall adapters.

0-15 LPM Oxygen and Medical Air Flowmeters
- Provides accurate gas flow measurement and control within a range of 0.5-15 LPM
- For use in a variety of respiratory therapy clinical applications
- Flush setting delivers a minimum of 50 LPM
- Supply pressure of 50 psi

LoFlo® 3.5 LPM Oxygen Flowmeter
- Provides highly accurate gas flow measurement and control within a range of 0.125-3.5 LPM
- For use in low flow applications
- Flush setting delivers a maximum of 45 LPM
- Supply pressure of 50 psi
- High precision glass ball ensures maximum readability

Neonatal and Pediatric 0-200 CCM & 0-1 LPM Flowmeter
- Provides highly accurate gas flow measurement and control within a range of 25-200 CCM (200 CCM model) & 0.1-1 LPM (0-1 LPM model)
- Neonatal and Pediatric identification (stork label)
- For use in Neonatal, Pediatric, and other low flow applications
- Flush setting delivers a maximum of 500 CCM (200 CCM model) & 2.5 LPM (0-1 LPM model)
- Supply pressure of 50 psi
- High precision glass ball ensures maximum readability

Lo-High Duplex Oxygen Flowmeters
- Consists of a “Y” adapter** with a LoFlo® 3.5 flowmeter on the left branch and a 0-15 LPM flowmeter on the right branch
- Configuration allows the clinician better versatility based on clinical demand.

Twin Oxygen Flowmeters
- Consists of two Pressure Compensated Flowmeters mounted onto a “Y” adapter
- Provides maximum flow efficiency
- Features compact design yet can accommodate double humidifiers and nebulizers when necessary

FEATURES AND BENEFITS

Durable
- Impact resistant flow tube and shroud
- Solid brass body with full body gas specific colored labeling*. D-Shape knob prevents striping

Precise
- Pressure compensated, accurate flow readings
- Flow tubes individually tested for accuracy
- High precision glass ball ensures maximum readability (0-1 LPM, 0-200 CCM)

Safety features
- White background improves visibility
- Knob and needle valve have a stop to prevent entire component from unscrewing completely
- Color coded to help prevent cross connections

Easy to maintain
- 5 Year Warranty
  (1 year on the 0-1 LPM & 0-200 CCM Flowmeter)

Optional
- “Second Look” Connector (clear) available on all configurations.
- Traditional color coded connectors available on all configurations

(*excluding Neonatal and Pediatric models)
SPECIFICATIONS

Calibration Pressure and Temperature
- 50 psig (320 kPa) and 70°F (21°C) as specified on the flow tube label

Maximum Pressure
- 100 psig (690 kPa)

Power Outlet Flow Rate (Power Outlet Models Only)
- Minimum 150 LPM with adequate supply flow

### Gas Specifications

<table>
<thead>
<tr>
<th>Gas</th>
<th>Scale</th>
<th>Increments</th>
<th>Accuracy Averages</th>
<th>Max. Flood/Flush</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxygen</td>
<td>0-200 CCM</td>
<td>25 CCM (starts at 25 CCM)</td>
<td>+/- 20 CCM</td>
<td>500 CCM</td>
</tr>
<tr>
<td>Oxygen</td>
<td>0-1 LPM</td>
<td>0.1 LPM (starts at 0.1 LPM)</td>
<td>+/- 0.1 LPM</td>
<td>2.5 LPM</td>
</tr>
<tr>
<td>Oxygen</td>
<td>0-3.5 LPM Lo-Flo®</td>
<td>0.125 LPM (from 0.125 to 1 LPM) 0.25 LPM (from 1 to 3.5 LPM)</td>
<td>+/- 0.125 LPM or +/- 10% of reading (whichever is greater)</td>
<td>45 LPM</td>
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### Gas Scale Increments Accuracy Averages Min. Flood/Flush

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<tr>
<td>Oxygen / Medical Air</td>
<td>0-15 LPM</td>
<td>0.5 LPM (from 0.5 to 5 LPM) 1 LPM (from 5 to 15 LPM)</td>
<td>+/- 0.5 LPM or +/- 10% of reading (whichever is greater)</td>
<td>50 LPM</td>
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*Specifications are nominal, subject to change without notice.

### Shipping Information

<table>
<thead>
<tr>
<th>Flowmeter 0-200 CCM</th>
<th>Flowmeter 0-1 LPM</th>
<th>Flowmeter 0-15 &amp; 0-3.5 LPM</th>
<th>Twin Flowmeter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight**</td>
<td>5.6oz</td>
<td>5.6oz</td>
<td>5.6oz</td>
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<tr>
<td><strong>Less fittings and adapters</strong></td>
<td>5.6oz</td>
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<tr>
<td>Dimensions</td>
<td>Height: 8in (203mm)  Width: 4.5in (114mm)  Depth: 3in (76mm)</td>
<td>Height: 5.5in (139mm)  Width: 1.1in (28mm)  Depth: 3.4in (86mm)</td>
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### Parts Configuration

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<tr>
<th>Adapter</th>
<th>77XX - XXXX - 9XX</th>
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<tbody>
<tr>
<td>No Adapter with 1/8&quot; NPT Female</td>
<td>Clear Tubing Nipple Nut &amp; Gland 31</td>
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<tr>
<td>Ohio Diamond</td>
<td>Tubing Nipple Nut &amp; Gland 21</td>
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<tr>
<td>DISS Hand-I-Twist (HIT)</td>
<td>DISS Fitting 07</td>
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<tr>
<td>DISS Nut &amp; Gland</td>
<td>Charger Adapter 00</td>
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<tr>
<td>Schrader</td>
<td>O.E.S. Twist 08</td>
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<tr>
<td>Chemetron Rectangle Striker (NCG) (AIR)</td>
<td>O.E.S. Med Star 09</td>
</tr>
<tr>
<td>Chemetron Round Striker (NCG) (OXYGEN)</td>
<td>DISS Male 14</td>
</tr>
</tbody>
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**Flowmeters (Oxygen)**
- 200 CCM O₂ with DISS fitting 1316
- 0-1 LPM with O₂ DISS fitting 1309
- LoFlo® 3.5 with O₂ DISS fitting 1305
- 0-15 LPM O₂ with O₂ DISS fitting 1260
- 0-15 LPM Flowmeters (Medical Air) Twin Flowmeters 1311
- 0-15 LPM Air with O₂ DISS fitting 1264
- 0-15 LPM Air with O₂ DISS fitting and Air power outlet 1266
- Lo-High Duplex (Oxygen) 1502
- LoFlo® 3.5 & 0-15 LPM with O₂ power outlet 1503