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 0-15 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

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 clear readability

Twin Oxygen Flowmeters
- Consists of two Pressure Compensated Flowmeters mounted onto a “Y” adapter
- 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 helps prevent striping

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

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

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

<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 LoFlo</td>
<td>0.125 LPM (from 0.125 to 1 LPM)</td>
<td>+/- 0.125 LPM or</td>
<td>45 LPM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.25 LPM (from 1 to 3.5 LPM)</td>
<td>+/- 10% of reading (whichever is greater)</td>
<td></td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Gas</th>
<th>Scale</th>
<th>Increments</th>
<th>Accuracy Averages</th>
<th>Min. Flood/Flush</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxygen / Medical Air</td>
<td>0-15 LPM</td>
<td>0.5 LPM (from 1 to 5 LPM)</td>
<td>+/- 0.5 LPM or</td>
<td>50 LPM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 LPM (from 5 to 15 LPM)</td>
<td>+/- 10% of reading (whichever is greater)</td>
<td></td>
</tr>
</tbody>
</table>

**SHIPPING INFORMATION**

**Flowmeter**
- 0-15 & 0-3.5 LPM
- 0-1 LPM
- 0-200 CCM Twin Flowmeter

**Weight**
- 5.6 oz (159 g) **Less fittings and adapters**
- 5.6 oz (159 g)
- 5.6 oz (159 g) 16 oz (454 g)

**Dimensions**
- Height: 5.5in (139mm)
- Width: 1.1in (28mm)
- Depth: 3.4in (86mm)
- Height: 5.5in (139mm)
- Width: 1.1in (28mm)
- Depth: 3.4in (86mm)
- Height: 5.5in (139mm)
- Width: 6in (152mm)
- Depth: 3.5in (89mm)

**Package Dimensions**
- Height: 8in (203mm)
- Width: 4.5in (114mm)
- Depth: 3in (76mm)
- Height: 8in (203mm)
- Width: 4.5in (114mm)
- Depth: 3in (76mm)
- Height: 8in (203mm)
- Width: 10.25in (260mm)
- Depth: 7.75in (197mm)

**Parts Configuration**

**Adapter**
- No Adapter with 1/8" NPT Female 00
- Diamond 01
- DISS Hand-I-Twist (HIT) 02
- DISS Nut & Gland 03
- Schrader® 04
- Chemetron® Rectangle Striker (NCG) (AIR) 05
- Chemetron® Round Striker (NCG) (OXYGEN) 06
- Puritan Bennett® 07
- O.E.S. Twist 08
- O.E.S. Med Star® 09
- DISS Male 14

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