**DESCRIPTION AND APPLICATION**

The Pressure Compensated Flowmeter is designed to meet strict standards of durability and precision. The base is constructed of solid chromed brass. 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 (0-15 LPM Oxygen is also available in 60 psi supply pressure)

**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 (also available in 60 psi supply pressure)

**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

**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.

**FEATURES AND BENEFITS**

**Durable**
- Impact resistant flow tube and shroud
- Solid brass body
- 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
PARTS CONFIGURATION

**Adapter**
- No Adapter with 1/8" NPT Female
- Diamond
- DISS Hand-I-Twist (HIT)
- DISS Nut & Gland
- Schrader®
- Chemetron® Rectangle Striker (NCG) (AIR)
- Chemetron® Round Striker (NCG) (OXYGEN)
- Puritan Bennett®
- O.E.S. Twist
- O.E.S. Med Star®
- DISS Male
- BSB Female
- BOC
- DIN
- AFNOR
- AGA

Flowmeters (60 PSI Options):
- Flowmeters (Oxygen)
  - 0-15 LPM O₂ with O₂ DISS fitting
  - LoFlo 3.5 with O₂ DISS fitting
- Flowmeters (Medical Air)
  - 0-15 LPM Air with O₂ DISS fitting
  - Twin Flowmeter (Oxygen)
- Lo-High Duplex (Oxygen)
- LoFlo 3.5 & 0-15 LPM

Flowmeters (50 PSI Options):
- Flowmeters (Oxygen)
  - 0-15 LPM O₂ with O₂ DISS fitting
  - LoFlo 3.5 with O₂ DISS fitting
- Flowmeters (Medical Air)
  - 0-15 LPM Air with O₂ DISS fitting

Clear Tubing Nipple Nut & Gland 31
Tubing Nipple Nut & Gland 21
DISS Fitting 07

Shipping Information

**Weight**
- **Less fittings and adapters**
- Weight 5.6 oz (159 g)
- Dimensions Height: 5.5in (139mm) Width: 1.1in (28mm) Depth: 3.4in (86mm)

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

**Flowmeter**
- Flowmeter (0-15 & 0-3.5 LPM)
- Flowmeter (0-1 LPM)
- Flowmeter (0-200 CCM)

**Gas**
- Oxygen / Medical Air

**Specifications**
- Calibration Pressure and Temperature
  - 50 psig (320 kPa) and 70°F (21°C) as specified on the flow tube label
  - 60 psig (414 kPa) and 70°F (21°C) as specified on the flow tube label (models: 1109 & 1280)

**Maximum Pressure**
- 100 psig (690 kPa)

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

**Gas Scale Increments Flow Specifications Max. Flood/Flush**
- **Oxygen**
  - 0-200 CCM 25 CCM (starts at 25 CCM) +/- 20 CCM 500 CCM
- **Oxygen**
  - 0-1 LPM 0.1 LPM (starts at 0.1 LPM) +/- 0.1 LPM 2.5 LPM
- **Oxygen**
  - 0-3.5 LPM LoFlo 0.125 LPM (from 0.125 to 1 LPM) 0.25 LPM (from 1 to 3.5 LPM) +/- 0.125 LPM or +/- 10% of reading (whichever is greater) 45 LPM
- **Oxygen / Medical Air**
  - 0-15 LPM 0.5 LPM (from 1 to 5 LPM) 1 LPM (from 5 to 15 LPM) +/- 0.5 LPM or +/- 10% of reading (whichever is greater) 50 LPM

*Specifications are nominal, subject to change without notice.