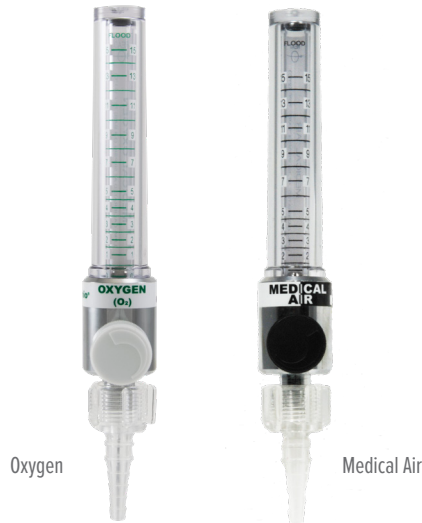
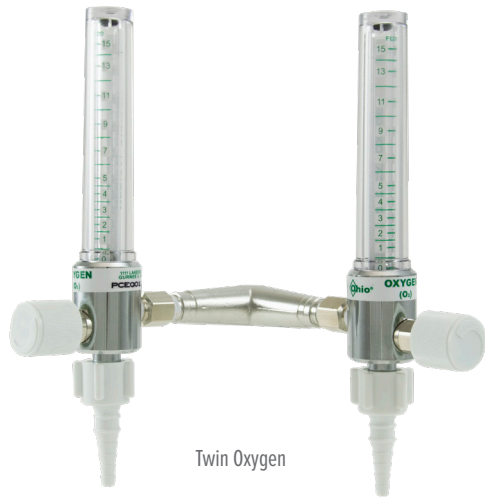


Oxygen & Medical Air 7700 Series Pressure Compensated Flowmeters (ISO)



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 L/min Oxygen and Medical Air Flowmeters

- Provides accurate gas flow measurement and control within a range of 0-15 L/min
- For use in a variety of respiratory therapy clinical applications
- Flush setting delivers a minimum of 50 L/min
- Supply pressure of 50 psi (0-15 L/min Oxygen is also available in 60 psi supply pressure)

LoFlo 3.5 L/min Oxygen Flowmeter

- Provides highly accurate gas flow measurement and control within a range of 0.125-3.5 L/min
- For use in low flow applications
- Flush setting delivers a maximum of 45 L/min
- Supply pressure of 50 psi (also available in 60 psi supply pressure)

Neonatal and Pediatric 0-200 cc/min & 0-1 L/min Flowmeter

- Provides highly accurate gas flow measurement and control within a range of 25-200 cc/min (200 cc/min model) & 0.1-1 L/min (0-1 L/min model)
- Neonatal and Pediatric identification (stork label)
- For use in Neonatal, Pediatric and other low flow applications
- Flush setting delivers a maximum of 500 cc/min (200 cc/min model) & 2.5 L/min (0-1 L/min 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 L/min 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 stripping

Precise

- Pressure compensated, accurate flow readings
- Flow tubes individually tested for accuracy
- High precision glass ball ensures clear readability (0-1 L/min, 0-200 cc/min)

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

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 L/min with adequate supply flow

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

Specifications are nominal, subject to change without notice.

| SHIPPING INFORMATION | 0-15 & 0-3.5 L/min Flowmeter | 0-1 L/min Flowmeter | 0-200 cc/min Flowmeter | Twin Flowmeter |
|-----------------------------|------------------------------------------------------|---------------------|------------------------|--------------------------------------------------------|
| Weight* | 5.6 oz (159 g) | | | 16 oz (454 g) |
| Product Dimensions | 5.5 in (139mm) H x 1.1 in (28mm) W x 3.4 in (86mm) D | | | 5.5 in (139mm) H x 6 in (152mm) W x 3.5 in (89mm) D |
| Package Dimensions | 8 in (203mm) H x 4.5 in (114mm) W x 3 in (76mm) D | | | 6.5in (165mm) H x 10.25in (260mm) W x 7.75in (197mm) D |

*Less fittings and adapters

PARTS CONFIGURATION

77XX - XXXX - 9XX

| ADAPTER | | FLOWMETER TYPE | | PATIENT FITTING | |
|------------------------------------|-----------|----------------------------------------|-------------|---------------------------------|-----------|
| Diamond | 01 | 60 psi Flowmeters (Oxygen) | | Clear Tubing Nipple Nut & Gland | 31 |
| DISS Handtight | 02 | 0-15 L/min with O ₂ DISS | 1280 | Tubing Nipple Nut & Gland | 21 |
| DISS Nut & Gland | 03 | LoFlo 3.5 with O ₂ DISS | 1109 | DISS Fitting | 07 |
| Schrader | 04 | 60 psi Flowmeters (Medical Air) | | | |
| Chemetron® Rectangle Striker - Air | 05 | 0-15 L/min with O ₂ DISS | 1286 | | |
| Chemetron® Round Striker - Oxygen | 06 | 60 psi Twin Flowmeter (Oxygen) | | | |
| Puritan Bennett® | 07 | 0-15 L/min with O ₂ DISS | 1292 | | |
| OES Twist | 08 | 60 psi Lo-High Duplex (Oxygen) | | | |
| MedStar® | 09 | LoFlo 3.5 & 0-15 L/min | 1501 | | |
| DISS Male | 14 | 50 psi Flowmeters (Oxygen) | | | |
| BSB Female | 15 | 0-15 L/min with O ₂ DISS | 1284 | | |
| BOC | 31 | LoFlo 3.5 with O ₂ DISS | 1319 | | |
| DIN | 32 | 0-1 L/min with O ₂ DISS | 1315 | | |
| AFNOR | 33 | 0-200 cc/min with O ₂ DISS | 1318 | | |
| AGA | 34 | 50 psi Flowmeters (Medical Air) | | | |
| | | 0-15 L/min with O ₂ DISS | 1290 | | |



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