

OXM Oxygen Purity Meters



Inline oxygen meter that measures oxygen purity from 0-100%. The OXM Oxygen Purity Meters are perfect for verifying oxygen purity from your oxygen generator. Simply mount this unit next to your oxygen generator and plumb your oxygen flow through this unit for real-time rates.

OXM TECHNOLOGY

The principle of operation uses ultrasound technology to measure oxygen purity. The speed of the ultrasound varies with the oxygen purity and temperature. This unit measures oxygen purity by ultrasound transit time and corrects this value for temperature. This allows a reliable and consistent oxygen purity measurement with no sensor to replace.

The OXM units can be used as an inline oxygen meter either passing the full flow of the oxygen concentrator through this devices or a by-pass flow.

OXM-12L SPECIFICATIONS

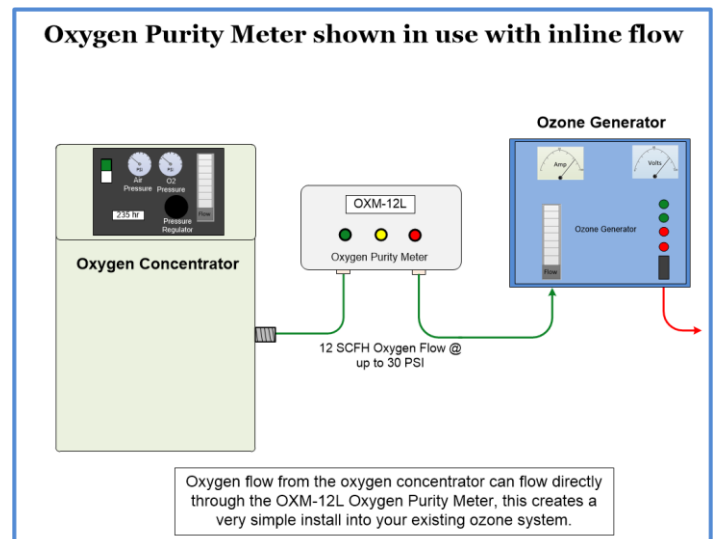
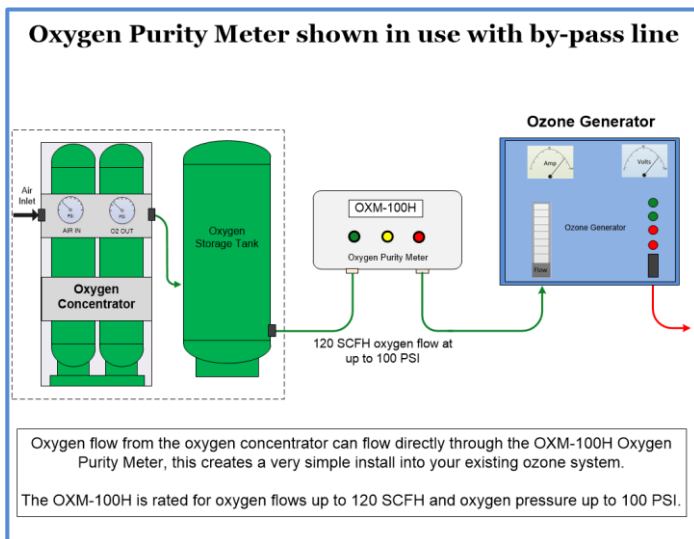
- Flow up to 12 SCFH (6 LPM) oxygen
- Rated burst pressure 30 PSI
- Relay alarm for low oxygen purity
- Analog or digital output
- Optional LCD display
- Optional remote monitoring
- Optional visual strobe light
- Optional audible alarm
- Calibrated at atmospheric pressure (can be calibrated for up to 25 PSI upon request)

OXM-100H SPECIFICATIONS

- Flow up to 127 SCFH (60 LPM) oxygen
- Rated burst pressure 100 PSI
- Integrated LCD display
- Relay alarm for low oxygen purity
- Analog or digital output
- Optional remote monitoring
- Optional visual strobe light
- Optional audible alarm
- Calibrated at atmospheric pressure (can be calibrated for up to 25 PSI upon request)

Model	Max Flow	Max Pressure	Display	Indicator Lights	Connection	Dimensions (W x D x H)	Power
OXM-12L	12 SCFH	30 PSI	Optional	Green = > 85% Yellow = 75-85% Red = <75%	1/4" Female NPT	7 x 3.5 x 3.5	120 VAC
OXM-100H	127 SCFH	100 PSI	Standard	Optional visual strobe light	1/4" Female NPT	7 x 3.5 x 3.5	120 VAC

INSTALLATION DIAGRAMS



WIRELESS REMOTE MONITORING & DATA LOGGING KIT

Use the Wireless Monitoring & Data Logging Kit with your fixed mount monitor to connect it to the internet allowing access from anywhere. Receive instant notifications with free text and email alerts. This is a great addition for your fixed mount oxygen purity meter.



STROBE LIGHT

An optional strobe light can be installed on the unit as a virtual indicator when oxygen purity is below 75% (custom set-points available). The strobe will be integrated on the enclosure and be wired and ready for operation.

AUDIBLE ALARM

An optional audible alarm can be installed on the unit to alert when oxygen purity is below 75% (custom set-points available).

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