



ALPHA OMEGA
INSTRUMENTS

MOXY™ OXYGEN MONITOR



The MOXY is an inexpensive, disposable oxygen monitor that fits into the palm of a hand. It features a full scale range of 0-99.9% and is powered by one internal, non-replaceable lithium battery. Battery life is estimated to be up to two years. The MOXY is ideal to help verify the percent oxygen concentration in welding gases, ambient air, blanketing gases, glove boxes, etc. It also can be used as a calibration device for fixed oxygen monitors and analyzers.

FEATURES

- ✓ Extended Life Sensor
- ✓ Fast Response Sensor
- ✓ Wide Measuring Range
- ✓ Battery Operated
- ✓ Large LCD Display
- ✓ Automatic Sleep Mode

BENEFITS

- Exceptional reliability.
- Responds Instantaneously to Oxygen Changes.
- 0 to 99.9% for Versatility
- Maximizes Portability.
- Easy to Read from Distance as well as Angles.
- Preserves Battery Life

Specifications

MOXY O₂ Monitor

Measurement Range:	0-99.9% (gas phase).
Measurement Error:	± 1% of full scale at 25° C.
Response Time:	< 20 seconds to 90% of step change at 25° C.
Sensor Type:	Electrochemical (Non-Replaceable) with Temperature Compensation.
Power:	Powered by one internal, non-replaceable lithium battery. Power on push button automatically shuts off after approximately 80 seconds. Low battery indication: Display will turn on and immediately go off after button is pushed.
Battery Life:	Approximately 1,850 hours (74,000 cycles) or 24 months under normal usage whichever comes first.
Sampling Method:	Open Diffusion or optional brass flow-through "T" adapter. Sensor thread size M-16 X 1.
Operating Pressure:	0-3 psig.
Warm-up Time:	None required (instant on).
Operating Temperature Range:	15° to 40° C.
Humidity Range:	0-99 %, non-condensing (when in operation).
Environmental:	NEMA 1, general purpose enclosure (not waterproof). Note: Electronics are not designed for hazardous area use.
Analog Outputs:	None.
Warranty:	Twelve (12) months.
Digital Display:	3 digit liquid crystal display (LCD).
Weight:	Approximately 60 grams.
Dimensions:	2.85" H x 2.25" W (0.875" at sensor end).

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Alpha Omega Instruments reserves the right to change specifications at any time. 11/04



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