

Analog Portable Oxygen Monitor

MO2BGYY01

The Analog Portable Oxygen Monitor is ideal for on-line oxygen monitoring or for verifying oxygen levels from gas cylinders, gas distribution panels, and diving chambers. If the monitor is used for measuring the oxygen level in the output from a mixing panel, another oxygen Portable should be used for cylinder verification purposes. One monitor should not be used for both. This monitor is not designed to be located inside a chamber but external to the chamber only.

Features

- US Navy approved
- Water and drop resistant
- Portable, fast and accurate
- Large digital display with low battery warning symbol
- Internal O₂ sensor for protection and to minimize the effects of temperature
- 9V alkaline battery gives long life up to 3 years of intermittent operation before replacement
- Designed specifically for the Diving Industry, Sport (NITROX), Commercial and Military - where hostile environmental conditions are the norm not the exception

Analog Portable Oxygen Monitor: Part Number MO2BGYY01

Includes

- Internal O₂ Sensor: Part Number 9100-9212-5AD
- Standard Flow Adaptor (one spigot): Part Number MIO2FA
- DII Flow Adaptor (one spigot): Part Number 8000-0002A
- 1 Meter Black Rubber Tubing: Part Number MIO2HO
- 9V alkaline battery



Accessories

MIO2OR	Spare O Ring (pack of 2)
MIO2SDK	Sample Draw Kit: Consisting of universal flow adapter, aspirator bulb, 1 meter rubber tubing and stainless steel probe
8000-0011GA	Universal Flow Adapter for sample draw kit (two spigots)

Specifications

Range	0.1-100% Oxygen
Accuracy	1% of 0-50% calibrated on air, 2% of reading over range 0-100% calibrated Oxygen
Resolution	± 0.1 % Oxygen
Display	3-1/2 in. Digital LCD
Operating Temp.	23° to 122° F (-5° to 50° C)
Sensor Life	2 year limited warranty in air at Normal Temperature and Pressure
Sensor Response	Less than 15 seconds to 90% of final reading
Flow Rate	0.5 to 2.5 liters/min. using flow adapter (1 LPM recommended)
Dimensions	3.86 in. H x 2.5 in. W(64 mm) x 1.5 in. D (98 mm x 64 mm x 36 mm)
Weight	7.0 oz. (200 g)

C-Squared Oxygen Monitor

O2MONITOR

The C-Squared Oxygen Analyzer is designed to measure oxygen levels in the 0.1 to 100.0% range. It can be used to measure the oxygen content for mixes used in Diving, Medical Instrumentation and Industrial applications. The Analyzer is designed to verify oxygen concentration in cylinders as well as analyze delivery systems. This monitor is not designed to be located inside a chamber but external to the chamber only. Sensor can not be exposed to alcohol or acetone.

Features

- Digital display has 0.1% resolution
- Analyzer is water resistant and sealed
- Splash proof on/off/on switch (with back light)
- Internal temperature compensated O₂ sensor
- Low battery warning symbol in left corner of display
- Ready to use out of the box after checking calibration either in air (20.9%) or 100% O₂
- Complete with a sensor flow cap/restrictor that allows you to read directly from a cylinder valve

C-Squared Oxygen Monitor: Part Number O2MONITOR Includes

- Internal O₂ Sensor: Part Number D-13
- Flow Cap/Restrictor
- (3) AAA 1.5V Batteries
- Deluxe Black Carrying Case



Specifications

Range	0.0% to 100.0 % O ₂
Accuracy	±1% at full scale
Response Time	90% in <5 Sec.
Sensor Type	Galvanic (Electro Chemical)
Warranty	12 Months
Stabilization Time	15 minutes when first installed
Battery	3 AAA 1.5V batteries
Operating Temp	32° to 122° F (0° to 50° C)