

Portable Percent Oxygen Analyzer with High & Low Alarms



0 to 100% Oxygen Analysis Range

Large Backlit Display w/ User Friendly Menu

High and Low Audible Alarms 1% to 100%

Battery Life Indicator on Display

Electrochemical Sensor Technology

Low Sensor Warning Indicator

The OMD-21 was designed with the customer in mind, to provide an easy and convenient way to accurately verify percent level oxygen analysis. This low-maintenance inexpensive oxygen analyzer is an ideal solution to spot check oxygen levels in industrial, welding and diving applications.

Integral High and Low Audible Alarms are fully configurable by the end user and can be silenced if desired.

The coiled cable stretches 12 ft when fully extended.

Inlet pressure is designed for 5 - 30 PSIG (0.34-2 barg) with an atmospheric vent.

Specifications:

Accuracy:	<1% of Full Scale Range
Alarms:	Configurable High & Low
Analysis Range:	0 - 100 Percent
Calibration:	Periodically
Cable Length:	12 ft when Fully Extended
Classification:	General Purpose
Dimensions:	4.83 x 3.25 x 1.50 Inches
Display:	Integrated w/ Backlight
Enclosure:	Molded ABS
Flow Rate:	0.4 - 20.0 SCFH
Linearity:	<1% of Full Scale Range
Gas Connections:	M16 x 1.0 mm Threads
Operating Temperature:	0 - 50 deg C
Power:	(3) AAA Batteries
Battery Life:	1000 Hours (Estimated)
Response Time:	T90 in 12 Seconds
Sensor:	OSS-3
Sensor Life:	60 Months (in ambient air)
Sensitivity:	0.1%
Temperature Compensation:	Integral
Warranty (Analyzer):	12 Months
Warranty (Sensor):	12 Months
Weight:	275g (9.7oz)

Applications

- Industrial Percent Oxygen Spot Checking
- Welding Purge Gas Quality
- 3D Purge Gas Quality Checking
- Safety Check of Breathing Air in Dive Tanks
- Personal Safety Protection

Included Accessories

- OSS-3 O2 Sensor
- TEE-19 15mm Tee Adapter
- FLOW-19 Flow Diverter