

DE-OX ZIP PRO Oxygen Analyzer

SKU: 9631

Price: ?436.00



Description

DE-OX ZIP PRO represents the simplest and up-to-date measurement instrument for the analysis of oxygenate mixed gas. Unique features include two audible alarms (minimum and maximum), standard analog 4-20 mA and open collector outputs. Specially designed and manufactured for the analysis of binary and ternary gas mix (like nitrox, heliox and trimix), for detection of oxygen in any environment (hyperbaric, saturation, etc.). Oxygen sensor, the electronic board and the battery are integrated in one device.

The instrument can be automatically calibrated in any known gas mix for giving the less error. DE-OX ZIP PRO can be used for continuously reading during mixed gas filling. It can alert and help in switching off the compressor if the oxygen value goes out the set alarms range (for instance, 40% oxygen).

WARNING: Never expose gas sensors to pressure or you may cause damage and/or false readings. Damaged sensors will not provide accurate gas analysis. Most gas analyzers can be used to analyze a regulated gas sample flow, the contents of a gas cylinder, or the flow from a regulator. The flow rate of gas must equal 1-5 L/min. To produce this flow, a [Flow Restrictor and Regulator](#) may be required. A faulty Flow Restrictor can lead to a false analyzer reading. Flow Restrictors should be regularly tested with a Flow Meter. Inaccurate gas analysis can lead to serious personal injury or death.

Features

- Full digital measurement instrument
- Display of oxygen percentage in the range 0.0-100.0%
- 0.1 % of volume resolution
- Automatic calibration in air or in any known mix
- Digital zero calibration (optional)
- Sensor and analyzer auto-setting
- Long life electrochemical sensor

- Two custom audible and visible alarms
- Analog 4-20 mA output for external devices (optional)
- Open Collector output (optional)
- Battery low indicator
- milliVolt sensor output reading
- Standard 9 Volt transistor battery
- Simple battery and sensor replacement
- Direct connection to every kind of tank valve with TEMC[®] rubber cup
- Soft protection and transport bag
- Numeric display of 2 x 1.3 in (50 x 35 mm)
- Dimensions: 3.3 x 3 in (8.5 x 7.5 cm)
- Weight: 8.8 oz (250 g)
- Available with external sensor (optional)

Replacement Sensor

- [Oxygen Sensor Replacement 9507M](#)