

Oxygen Monitor

O2NE- fully featured oxygen monitor with 10 years sensor life

- LCD screen
- Visual & audible alarm
- Battery back up
- Repeater with visual & audible alarm
- Easy to self - calibrate
- 4-20 mA output



Cryogenic gases like nitrogen, are commonly used in hospitals and clinics for preservation of tissues, embryos and blood. Wherever these gases are used and stored you and your staff are potentially at risk. A leak of an inert gas results in oxygen depletion of the atmosphere. Where such leaks have occurred people have died.

Cryogenic gases are odourless and colourless and they cannot be detected by the human senses. You can not be 100% sure there is not an inert gas leak unless you have installed a monitoring system.

What happens when levels of oxygen deplete?

As levels of oxygen deplete you will experience the following effects:

- 15-19%** Impaired co-ordination
- 10-12%** Increase in pulse, impaired judgement and perception; lips turn blue.
- 6-10%** Mental failure, nausea, fainting and unconsciousness. Fatal after 8 minutes.
- <6%** Coma within 40 seconds, respiration ceases and death

Sensor specifications:

- Measurement technique: O₂-partial pressure electrochemical cell with atmospheric pressure compensation

- Expected sensor life: 10 years
- Sensor warranty: 2 years
- Sensor calibration period: 1.5 years

Analysers specification

- Pre-set alarms levels at:
 - 18.0%
 - 19.5%
- Warranty: 2 years

Why choose the O2NE?

1) *Quick and easy to install* – there is no need to pay for a specialist installer. The O2NE is designed to be installed by you and is even provided with a drilling template and screws.

2) *Fully user maintainable* – you do not need to pay for an engineer's maintenance visit every year. The O₂ sensor is quick and easy to change and calibration can be done by the push of one button.

3) *Safety built as standard* – the O2NE is provided with 2 audio visual alarms and has a remote repeater alarm to ensure your staff know the atmosphere is safe before they enter.

By using the latest technology the O2NE provides you with a cost effective O₂ depletion alarm system

The O2NE is an instrument you can put your faith in. It comes from a leading company with thousands of systems around the world.

Peace of mind – Your staff are protected 24 hrs a day, 7 days a week, 365 days a year

Ensuring Safety – Simple to install, purpose designed and packaged at an affordable price

Convenient – Can be installed and working in less than 10 minutes of receiving the unit

Installation

The O2NE is an easily installed mains powered oxygen monitor. It consists of a main sensor unit, which is positioned in the work or gas storage area, and a remote repeater unit.

Up to three remote repeater units can be connected to the sensor unit, so you will know it is safe to enter if you have more than one door.