



THAMES CRYOGENICS LTD
Total Cryogenic Solutions

ONEO2 Datasheet

The One O2 Oxygen Monitor and Alarm is an easy to install, wall-mounted, modular oxygen deficiency monitor and warning alarm system, providing continuous monitoring of oxygen concentration in the surrounding air and both visual and audible alarms when these fall outside pre-set levels. The One O2 includes a long-life 3 year oxygen sensor

Key Features

- Oxygen monitor unit operates continuously for three years and cannot be switched off, giving maximum user protection.
- Built-in visual and audible alarms with separate 'low' and 'critical' alarm states.
- Internal audible alarm is 85dBA at 30cm.
- Audible/visual alarms at the monitoring point not only at a remote location
- Oxygen enrichment, deficiency and high/low monitoring options.
- Simple & secure connections to repeater modules using pre-wired plug in connector (up to a maximum of 100m).
- Modular system which allows users to completely design and customise the system to suit their exact requirements.



Applications

The One O2 Oxygen Monitor may be used as a stand-alone device with its own audible and visual alarms, or linked to other repeater modules to mimic the condition of the monitor. Repeater modules can be connected to the One O2 and located outside the monitored area to warn users at the point of entry. The system can be fully customised to allow multiple location monitoring and further modules can be easily added at a later date to expand the scope of the system.

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Technical Specifications

Monitor/Alarm Unit

Dimensions	H120 x W80 x D55 mm
Weight	550g (excl cable)
Alarm Indications	<p>ALARM - Red flashing LED + audible bleep</p> <p>CRITICAL ALARM - Red flashing LED + audible bleep</p> <p>Battery Warning - Red constant LED + constant tone</p> <p>CALIBRATION LIGHTS - Two green constant LEDs</p> <p>CONFIDENCE FLASH - Green flashing LED</p>
Alarm Set Levels	19.5% and 18% alarm set levels



Service & Support

Design & Installation	We can advise on how to integrate this into your new or existing system to maximise safety
Calibration	It is recommended that all products are calibrated at least every 12 months during a maintenance check
Maintenance	A maintenance check is advised every 12 months, we offer a service contract to

