

# **Introduction to Envitec Oxygen Monitoring**

## **What is oxygen monitoring?**

Oxygen monitoring is used for the physical measurement of gases for fractional oxygen (FiO<sub>2</sub>) outside of the body before it enters the patient i.e.

- Piped or Bottled Gases
- Oxygen Concentrators
- Ventilators
- Air/Oxygen Blenders
- Oxygen Hoods  
(product dependant)

Measurements are typically between 21 and 100%.

## **MySign O Oxygen Monitor**

- Part Number: 0111276 MySign O only
- Part Number: 0111277 MySign O Kit including Power Supply

The MySign O is a high-performance hand-held oxygen monitor for clinical, emergency and home ventilation applications.

## **Benefits**

- Fast, accurate and reliable monitoring of vital parameters
- Robust, compact and lightweight design
- Clear, bright and easy-to-read extra-large TFT colour display
- High contrast screen at all angles
- Cost effective and easy to use
- Backlit soft key keypad
- Easy to clean
- Configurable high and low alarms
- Audible and colour indicated visual alarms
- Provides high-precision, required for anaesthesia and neonatal applications
- Flexible - minimal service and maintenance required
- Simple calibration
- Versatile; hand-held or desktop features
- High-level of protection against particles and water
- PC software available
- Powered by manufacturer's USB / Mains adapter (only supplied with kit)
- Available universal mounting option (Part number: 0121351)
- Supplied with OOM111 oxygen sensors, also available to purchase replacements (Part number: 0110560)



The MySign O is the ideal companion for patient care and monitoring. It is compact, lightweight and extremely easy-to-use. Offering the high-precision required for anaesthesia and neonatal applications along with a sturdy design suitable for paramedics and pre-hospital applications.

The MySign O provides immediate access to patients' oxygen concentration parameters, therefore offering safety, even in critical situations.

With the use of the universal mounting clamp (supplied separately) it provides fast mounting, fitting any shape of rail.

## **OxiQuant S Oxygen Monitor**

- Part Number: 0111275

**Not for use on patients - can be used in industrial, scuba and hospital applications to monitor gas supply equipment.**

Used to determine oxygen concentrations in gas mixtures, delivered by oxygen concentrators, blenders...

### **Benefits**

- Flexible manual calibration
- Auto-off (after 3 minutes)
- Response time: < 13 seconds to 90% of value
- Battery life: Approximately 1,100 hours.
- OOI103 (0110660) Sensor (with integrated battery) can be replaced. The sensor has the battery integrated. The sensor will last for > 30 months in ambient conditions. However, taking the battery into consideration you can safely say that the sensor will last for > 24 months (i.e. 22,000 operational cycles, which equates to being used 30 times per day).
- Supplied with OOI103 Oxygen Sensor with integrated battery (Part Number: 0110660)  
`T` Adapter (Part Number: 0120399 - single unit  
Flow Diverter - 15 mm O.D. (Part Number: 0120092)  
Connector - 22 mm oxygen stem (Part Number: 0120124)



The OxiQuant S oxygen analyser is used to determine oxygen concentrations in gas mixtures. It can be used to monitor gas supply equipment in industry and hospitals or to check breathing mixtures in diving systems (Nitrox and Trimix mixtures).

Its compact dimensions, low weight, easy handling and calibration make the device particularly suitable for mobile applications.

The OxiQuant S is neither designed for personal protection nor for monitoring medical breathing air in direct contact with patients. It must not be used for the preparation of gas mixtures, but to monitor them.

## **Oxygen Sensors**

Currently the above are supplied with the following sensors, with the changes in regulation being reviewed the use of leaded oxygen sensors may be no longer available, therefore lead-free versions are to become available.

### **MySign O**

- Current oxygen sensors – OOM111 (0110560)
- Lead-free version – OOMLF111 (0110804)

### **OxiQuant S**

- Current oxygen sensors – OOI103 (0110660)
- Lead-free version – OOILF103 (0110902) – currently unreleased



## **Cross Reference**

Cross reference can be found in Intrastats, drop down menu, cross references, select group “oxygen sensors”.

Website: [www.viamed.co.uk/xref](http://www.viamed.co.uk/xref)

## **Pricing**

Pricing can be found on Intrastats, under the “£” symbol. There are also downloadable PDFs against the “£” or in the “i” section.

## **Marketing Materials**

Up to date copies of marketing materials such as leaflets, manuals and price lists (or in the £ screen) can be found on the stock pages under the “i” icon.

## **Certifications**

Should you require to find information on what certifications a product has please see the stock screen, “i” icon and find the “Certificates” option. Click this and it will open the document index and all related certificates for that line.