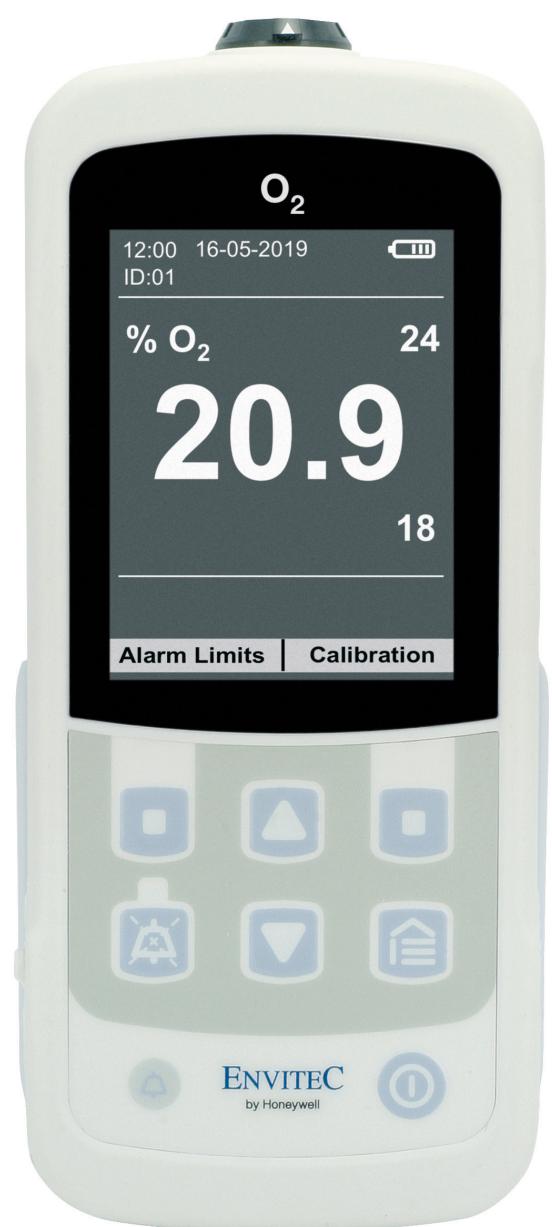


# oxygen monitoring

## MySign® O Oxygen Monitor

High performance handheld monitor for clinical, emergency and home ventilation environments

**ENVITEC**  
by Honeywell



Actual Size

- Fast and accurate measurement
- Lightweight, fast, simple and reliable
- For use in: general clinical applications, neonatal and intensive care units, emergency and rescue services, CPAP machine and oxygen concentrator applications...
- Wide range of functions
- Robust, compact and lightweight design
- Extra large easy-to-read rotating TFT colour display
- Certified bio-compatibility

**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.**

**VIAMED**

**The reliable companion for monitoring oxygen concentration in breathing gases in intensive care and emergency medicine applications**

## MySign® O Oxygen Monitor

- MySign® O Monitor
- OOM111 Oxygen Sensor
- Sensor Cable (Coiled 0.5m, extendable)
- 15mm O.D. Sensor Flow Divertor
- 'T' Adapter (22mm I.D. - 22mm O.D., T = 15mm I.D.)
- USB data cable
- Power supply (UK and EU Plug)\*
- 1 x Li-ion battery
- PC software
- Instruction manual on CD

\* Included as standard as part of kit part number 0111277



## Key Features of the MySign® O Oxygen Monitor

- 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 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 methods
- Versatile; handheld or desktop features
- High level of protection against particles and water
- Powered by manufacturers USB / Mains adapter





## Powerful MySign® PC Software

With the convenient MySign® PC Software all measured values, selected alarm limits and alarm messages can be transferred to the computer via the USB interface. The data can be downloaded onto the computer and patient information added. The PC software enables basic statistical evaluation of the stored data.

The software can also be used to display and store the measurement values and alarm messages on the computer.



## Mounting Options

The convenient robust aluminium one-piece universal mounting clamp from Envitec fits any shape of rail, can be adjusted and fastened in any position.

Standard Viamed mounting options can also be used if teamed with a mounting bracket. Contact us for further information.

The MySign® O screen will also rotate to make using on the universal mounting clamp much easier.



## Applications

The MySign® O Oxygen monitor is suitable for the following applications:

- Patient transport within and between hospitals
- Rescue services and emergency medicine
- General and Paediatric ICU

<b>Measuring Range</b>	0 - 100% Oxygen
<b>Display Resolution</b>	0.1% oxygen
<b>Accuracy</b>	< 1% volume O <sub>2</sub> , when calibrated at 100% vol. O <sub>2</sub>
<b>Offset</b>	< 1% volume O <sub>2</sub> in 100% N <sub>2</sub>
<b>Response time</b>	< 12 seconds to 90% of final value
<b>Linearity error</b>	< 3% relative
<b>Drift</b>	< 1% volume O <sub>2</sub> over 8 hours
<b>Cross-sensitivity</b>	in compliance with DIN EN ISO 21647
<b>Operating humidity</b>	0 - 99% relative humidity (non-condensing)
<b>Effect of humidity</b>	0.03% relative per % RH
<b>Ambient pressure</b>	750 to 1250 hPa
<b>Effect of pressure</b>	Proportional to the change in oxygen partial pressure
<b>Sensitivity to impact</b>	< 1% relative after falling from a height of 1m
<b>Temperature</b>	
Operating temperature	0°C – 50°C
Temperature compensation	Integrated NTC compensation in the sensor
Storage temperature	-20°C – 70°C (device), -20°C – 50°C (sensor)
Recommended storage (sensor)	5°C – 15°C
<b>Sensor type</b>	OOM111 (galvanic oxygen sensor)
<b>Sensor life</b>	>1,000,000 % oxygen hours
<b>Battery</b>	
Type	Li-ion 3.6 V 2900 mAh
Operating time per charge	> 24 hours (at standard settings)
<b>Charger</b>	Protection Class II, Input: AC 110V - 230V / 50 - 60 Hz, Output: DC 1.5 A
<b>Charge time</b>	approximately 4 hours
<b>Display</b>	240 x 320 pixel (2.8") multi-colour TFT
<b>Cable length</b>	Coiled cable 0.5m (maximum 2.5m)
<b>Protection class</b>	IP54
<b>Impact resistance</b>	IK05
<b>Interface</b>	USB 2.0
<b>Alarms</b>	
Functions	Monitoring of alarm limits and device functions (optical and acoustic)
Limits	Adjustable between - Upper limit: 20 - 103% Lower limit: 18% - 101%
<b>Data storage</b>	Maximum 96 hours (measurement series) reading date, time, alarm limits, events
<b>Personalisation</b>	Device and data set (e.g. name, station, patient ID)
<b>Protection Class</b>	II, Type BF
<b>Class</b>	IIa
<b>Standards</b>	The device complies with the requirements of MDD 93/42/EEC for medical devices and the applicable standards. Also in compliance with: DIN EN 1789 Medical vehicles and their equipment - road ambulances
<b>Weight</b>	Approximately 330g (with sensor)
<b>Dimensions (device)</b>	160 mm (H) x 72 mm (W) x 39 mm (D)
<b>Warranty</b>	Analyser 24 months, sensor 15 months
<b>Part Numbers</b>	
Envitec MySign® O Oxygen Monitor	0111276
Standard accessories included:	
OOM111 oxygen sensor, USB cable, T-adapter, flow diverter	
Envitec MySign® O Oxygen Monitor Kit	0111277
Standard accessories as above but also includes mains charger and adapters	

Distributed by:



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