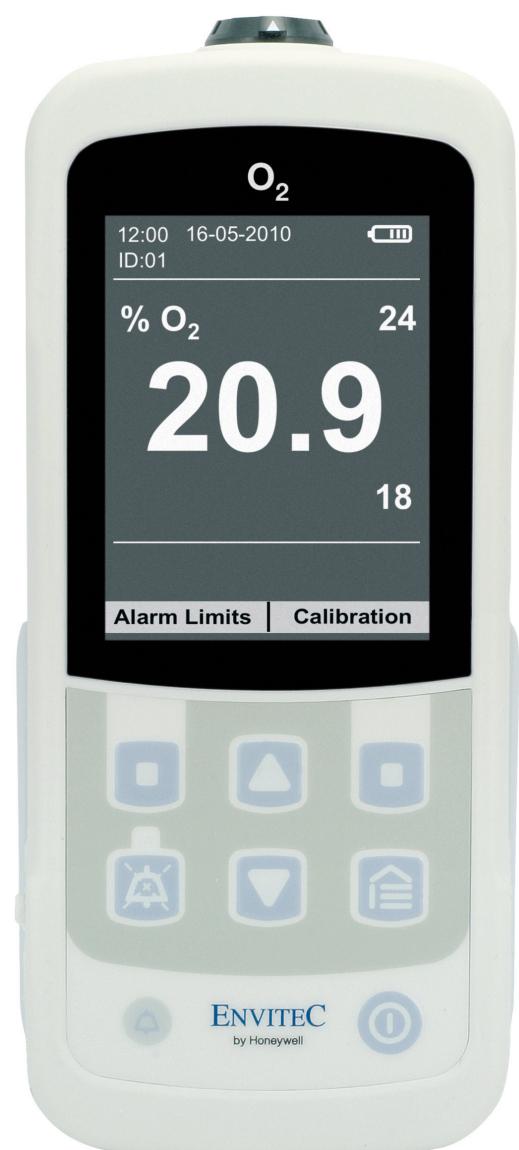


oxygen monitoring

MySign® O Oxygen Monitor

High performance hand-held monitor for clinical, emergency and home ventilation environments

ENVITEC
by Honeywell



- Fast and accurate measurement
- Lightweight, fast, simple and reliable
- For use in: general clinical applications, neonatal and intensive care units, emergency and rescue services, home mechanical ventilation...
- Wide range of functions
- Robust design IP54, IK05 ratings
- Extra large 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 high precision required for anaesthesia and neonatal applications along with an uncompromising robustness for demanding rescue operations.

The MySign O will always provide immediate access to ventilation parameter FiO_2 for patients, 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

Measuring Range - Oxygen	0 - 100%
Display - Resolution	0.1% oxygen
Accuracy	< 1% volume O ₂ , when calibrated at 100% vol. O ₂
Offset	< 1% volume O ₂ in 100% N ₂
Response time	< 12 seconds to 90% of final value
Linearity error	< 3% relative
Drift	< 1% volume O ₂ over 8 hours
Cross-sensitivity	in compliance with DIN EN ISO 21647
Operating humidity	0 - 99% relative humidity (non-condensing)
Effect of humidity	0.03% relative per % RH
Ambient pressure	750 to 1250 hPa
Effect of pressure	Proportional to the change in oxygen partial pressure
Sensitivity to impact	< 1% relative after falling from a height of 1m
Temperature	
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
Sensor type	OOM111 (galvanic oxygen sensor)
Sensor life	>1,000,000 % oxygen hours
Battery	
Type	Li-ion 3.6 V 2900 mAh
Operating time per charge	> 24 hours (at standard settings)
Charger	Protection Class II, Input: AC 110V - 230V / 50 - 60 Hz, Output: DC 1.5 A
Charge time	approximately 4 hours (USB)?
Display	240 x 320 pixel (2.8") multi-colour TFT
Cable length	Coiled cable 0.5m (maximum 2.5m)
Protection class	IP54
Impact resistance	IK05
Interface	USB 2.0
Alarms	
Functions	Monitoring of alarm limits and device functions (optical and acoustic)
Limits	Adjustable between - Upper limit: 20 - 103% Lower limit: 18% - 101%
Data storage	Maximum 96 hours (measurement series) reading date, time, alarm limits, events
Personalisation	Device and data set (e.g. name, station, patient ID)
Protection Class	II, Type BF
Class	IIa
Standards	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
Weight	Approximately 330g (with sensor)
Dimensions (device)	160 mm (H) x 72 mm (W) x 39 mm (D)
Warranty	Analyser 24? months, sensor 15 months
Part Numbers	
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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