



## OxiQuant S Oxygen Analyser

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

**ENVITEC**  
by Honeywell



- Flexible manual calibration
- Auto-off (after 3 minutes)
- Response time: <13 seconds to 90% of value
- Sensor (with integrated battery) can be replaced

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.



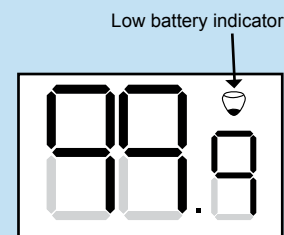
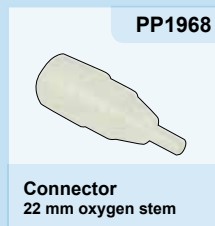
# OxiQuant S Oxygen Analyser

<b>Measuring Range</b> Oxygen	0 - 100% O <sub>2</sub>
<b>Display</b> Resolution	0.1% oxygen
<b>Precision</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>	< 13 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>	< 1% volume O <sub>2</sub> in reaction to: 10% CO <sub>2</sub> , rest N <sub>2</sub> 80% N <sub>2</sub> O, rest N <sub>2</sub> 7.5% halothane, rest N <sub>2</sub> 7.5% isoflurane, rest N <sub>2</sub> 7.5% enflurane, rest N <sub>2</sub> 9% sevoflurane, rest N <sub>2</sub> 20% desflurane, rest N <sub>2</sub>
<b>Effect of humidity</b>	< 1% O <sub>2</sub> between 0 and 100% RH at 25°C
<b>Effect of pressure</b>	Proportional to the change in oxygen partial pressure
<b>Operational pressure range</b>	750 - 1250 hPa
<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
Operating humidity	0 – 99% RH
Storage temperature	-20°C – 50°C
Recommended storage	5°C – 15°C
<b>Sensor life</b>	>500,000 % oxygen hours
<b>Battery service life</b>	approximately 1100 operating hours (battery integrated in sensor)
<b>Weight</b>	Approximately 90g
<b>Dimensions</b>	92 mm (L) x 57 mm (D)
<b>Warranty</b>	Analyser 24 months, sensor 15 months

## Part Numbers

Envitec OxiQuant S Oxygen Analyser  
Standard accessories included:

0111275



**3 digit display**

## Over range

At oxygen concentrations above 99.9% the concentration is displayed without a decimal place number or decimal point.

For example:

1 0 0 corresponds to 100% O<sub>2</sub>

1 0 1 corresponds to 101% O<sub>2</sub>

\* in accordance with ISO 9919:2005 Standards.

Specifications Subject to Change



Distributed by:



**Viamed Limited** · 15 Station Road · Cross Hills  
Keighley · West Yorkshire · BD20 7DT · United Kingdom  
Tel: +44 (0)1535 634 542 Fax: +44 (0)1535 635 582  
Email: info@viamed.co.uk Website: www.viamed.co.uk



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