

pulse oximetry



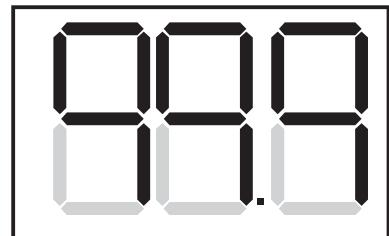
OxiQuant S Oxygen Analyser

Used to determine oxygen concentrations in gas mixtures, such as 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
- Warranty: Analyser 24 months, sensor 15 months

Note: Not approved for monitoring medical breathing air whilst in direct contact with patients.



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 application.

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.

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OxiQuant S Oxygen Analyser

Measuring Range	
Oxygen	0 - 100%
Display	
Resolution	0.1% oxygen
Precision	< 1% volume O ₂ , when calibrated at 100% vol.O ₂
Offset	< 1% volume O ₂ in 100% N ₂
Response time	< 13 seconds to 90% of final value
Linearity error	< 3% relative
Drift	< 1% volume O ₂ over 8 hours
Cross-sensitivity	< 1% volume O ₂ in reaction to: 10% CO ₂ , rest N ₂ 80% N ₂ O, rest N ₂ 7.5% halothane, rest N ₂ 7.5% isoflurane, rest N ₂ 7.5% enflurane, rest N ₂ 9% sevoflurane, rest N ₂ 20% desflurane, rest N ₂
Effect of humidity	< 1% O ₂ between 0 and 100% RH at 25°C
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
Operating humidity	0 – 99% RH
Storage temperature	-20°C – 50°C
Recommended storage	5°C – 15°C
Battery	
Battery low display	Device switches off immediately
Battery service life	approximately 1100 operating hours (battery integrated in sensor)
Weight	Approximately 90g
Part Number	
Envitec OxiQuant S Oxygen Analyser	0111275
Standard accessories included:	
OOI103 Oxygen Sensor	0110660
'T' adapter	0120100
Flow divertor - 15 mm O.D.	0120092
Connector - 22 mm oxygen stem	PP1968

* in accordance with ISO 9919:2005 Standards.

Specifications Subject to Change

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Part Number: ???????
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ISO 13485:2003