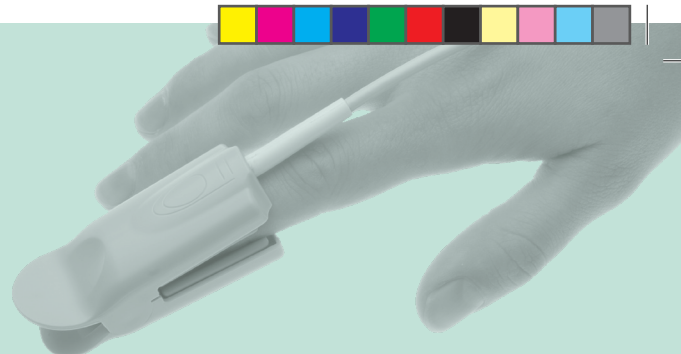


pulse oximetry



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.



VIAMED

OxiQuant S Oxygen Analyser

Measuring Range

Oxygen 0 - 100% O₂

Display

Resolution 0.1% oxygen

Precision

< 1% volume O₂, when calibrated at 100% vol. O₂

Offset

< 1% volume O₂ in 100% N₂

Response time

< 13 seconds to 90% of final value

Linearity error

< 3% relative

Drift

< 1% volume O₂ over 8 hours

Cross-sensitivity

< 1% volume O₂ in reaction to:
10% CO₂, rest N₂
80% N₂O, rest N₂
7.5% halothane, rest N₂
7.5% isoflurane, rest N₂
7.5% enflurane, rest N₂
9% sevoflurane, rest N₂
20% desflurane, rest N₂

Effect of humidity

< 1% O₂ between 0 and 100% RH at 25°C

Effect of pressure

Proportional to the change in oxygen partial pressure

Operational pressure range

750 - 1250 hPa

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

Sensor life

>500,000 % oxygen hours

Battery service life

approximately 1100 operating hours (battery integrated in sensor)

Weight

Approximately 90g

Dimensions

92 mm (L) x 57 mm (D)

Warranty

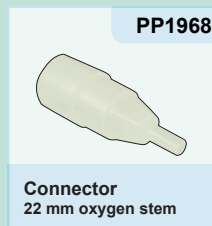
Analyser 24 months, sensor 15 months

Part Numbers

Envitec OxiQuant S Oxygen Analyser

0111275

Standard accessories included:



Low battery indicator



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% O₂

1 0 1 corresponds to 101% O₂

* in accordance with ISO 9919:2005 Standards.

Specifications Subject to Change



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Part Number: 0191205
Date: 08/15



ISO 13485:2003