

Oxygen Monitors Family

Fast and Reliable



OxiQuant Portable oxygen monitors

Multiple applications
Easy to operate, superior range & accuracy
Simple calibration & long lifetime

O₂

Medical technology
Monitors

Oxygen monitors family – fast and reliable

Multiple applications

Functionality based on the fulfillment of ergonomic requirements of the medical environment is the most important feature of the OxiQuant oxygen monitors family.

You can choose between following Oxygen Monitors:

OxiQuant MC

Microprocessor controlled monitor is dedicated for continuous monitoring of oxygen concentrations supplied by medical oxygen delivery equipment, respiratory care systems, anaesthesia machines and incubators.

The simply functionality makes it well-suited for multitude of applications, e.g. in prenatal area or post operative ventilation.

The large display of OxiQuant MC provides a variety of indicators to ensure reliable readings for patient evaluation. Flexible alarm management options enable you to adjust easy customisable patient settings.

OxiQuant MC is equipped with special developed protected oxygen sensor OOM111, which assures the high quality standards referring to reliability, precision and durability.

OxiQuant B

This compact fast working microprocessor controlled analyzer is designed for measuring oxygen concentration in gas mixtures.

Its durable design makes it a reliable companion for a medical technician in his daily work.

OxiQuant S

This small compact microprocessor controlled analyser designed to "spot check" oxygen concentrations can be connected to the output of e.g. Flowmeter, Oxygen Concentrator, clinical gas supply systems or most ventilators directly in seconds.

OxiQuant S confirms the O₂ output being delivered from those devices very accurately.

Incorporating proven oxygen sensor technology and the battery in one unit, the OxiQuant S provides a cost-effective solution.

Easy to operate, superior range and accuracy

OxiQuant oxygen monitors provide measurements in the range from 0,1 to 100% and display values to a high level of precision from a tenth of a percent on a 3 digit display.

Optimised interface with minimal buttons make user operations both simple and safe.

All OxiQuant monitors are equipped with a range of accessories enabling you to connect the monitors comfortable with the machine or patient tubes.

Simple calibration and long lifetime

To carry out a measurement, you can easily calibrate the monitors either automatically or manually at ambient air or in oxygen concentrations.

OxiQuant monitors have independent power supply and are developed around Envitec's world acclaimed oxygen sensors, which are renowned for their high precision, reliability, signal stability, fast response time and superior longevity.

Technical data

	OxiQuant MC	OxiQuant B	OxiQuant S
Applicable at standard conditions: 1013 hPa, 25° C			
Measurement range	0-100% oxygen	0-100% oxygen	0-100% oxygen
Response time	<12 seconds to 90% of final value at 25°C	<5 seconds to 90% of final value at 25°C	<12 seconds to 90% of final value at 25°C
Repeatability	0,1% vol. O ₂	0,1% vol. O ₂	0,1% vol. O ₂
Linearity error	<3% relative	<3% relative	<3% relative
Operating temperature	0°...+45°C	0°...+45°C	0°...+45°C
Alarm system	Visual and audible manual and automatic alarm settings	NA	NA
Power supply	3pcs alkaline battery type AA	9V alkaline battery	3V lithium battery mounted on the sensor
Oxygen sensor P/N	OOM 111	OOI 101-1	OOI 103
OxiQuant P/N	46-00-0027	46-00-0023	46-00-0021