



Oxygen monitor QualityMon O2

The QualityMon O2 oxygen meter is used to determine and monitor the oxygen concentration in breathing gas mixtures in medical applications. The Quality MonO2 can be used for the functional monitoring of the breathing gas mixtures of anesthesia and respiratory protective devices, as well as baby incubators.

Indication: The oxygen content of a breathing gas shall be monitored.

Contraindications: Not suitable for personal protection.
Not for monitoring during the production of gas mixtures.

Safety index for patients and users:



Device: Internal battery-operated device
Fulfilled international standards: EN ISO 80601-2-55, DIN EN 60601-1, EN ISO 14971
CE-Certification: 13485: 2016 certification

Technical Data	Specification
Gas Type	Oxygen
Measuring range	18% up to 100% of Oxygen in Gas mixtures
Response time	< 12 sec. at 90% of final value
Display accuracy	< 1% vol. O ₂ , when calibrated to 100 % vol. O ₂
Accuracy	< 1% vol. O ₂ , when calibrated to 100 % vol. O ₂
Linearity error	< 3% relative deviation to the characteristic curve
Drift	< 1% vol. O ₂ over 8 hours
Cross –sensitivity	< 0.1% vol. O ₂ in reaction to: 10 % CO ₂ residual N ₂ 80% N ₂ O residual N ₂ 7.5% Halothane residual N ₂ 7.5% Isoflurane residual N ₂ 7.5% Enflurane residual N ₂ 9% Sevoflurane residual N ₂ 20% Desflurane residual N ₂
Alarm	Visual and audible alarm
Alarm limits	18 – 101% (manuell alarm override 16–103%)
Mute alarm function	30 sec.
Autoset function	±2% of the current measured value
Offset voltage	< 200 µV in 100 % nitrogen over 5 min
Operating temperature	+5°C – +50°C / 41°F – 122°F
Dimensions W*D*H	61 x 110 x 92 mm
Weight	500g with 3* Typ AAA batteries
Compatible oxygen sensor	OOM111 by EnviteC Wismar GmbH by Honeywell
Expected use of sensor life	Minimum over 1,000,000 O ₂ % Hours

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