



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 QualityMonO₂ 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  0482

Technical Data	Specification in conjunction with the oxygen measuring cell OOMLF111 / OOM111
Measuring range	0-100% Oxygen
Response time	< 12 sec. to 90% of final value
Display accuracy	0.1% Oxygen
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 limits	18 –101% (manuell alarm override 16–103%)
Mute alarm function	approx. 1 min.
Autoset function	Lower alarm limit 2% below target, upper alarm limit 3% above target
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	OOMLF111 / OOM111

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