Version 2.1 from 07/28/2023



DEHAS Medical Systems GmbH

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 CE 0482

Technical Data	Specification
Gas Type	Oxygen
Measuring range	18%up to100% of Oxygen in Gas mixtures
Response time	< 12 sec. at 90% of final value
Display accuracy	<1% vol. O2, when calibrated to 100 % vol.O2
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. O2 in reaction to: 10 % CO2 residual N2 80% N2O residual N2 7.5% Halothane residual N2 7.5% Isoflurane residual N2 7.5% Enflurane residual N2 9% Sevoflurane residual N2 20% Desplurane residual N2
Alarm	Visual and audible alarm
Alarm limits	18 –101% (manuell alarm override 16–103%)
Mute alarm function	30 sec.
Autosetfunction	±2% of the current measured value
Offset voltage	< 200 µV in 100 % nitrogen over 5 min
Operating temperature	+5C° -+50C° / 41°F –122°F
DimensionsW*D*H	61 x 110 x 92 mm
Weight	500g with3* Typ AAAbatteries
Compatibleoxygen sensor	OOM111by EnviteC Wismar GmbH by Honeywell
Expected use of sensor life	Minimum over 1,000,000 O2% Hours

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