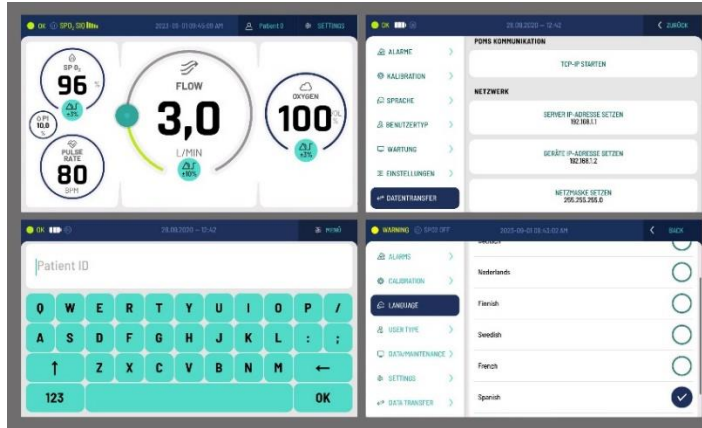


QualityMix PRO

Electronically controlled oxygen/air blender with integrated SpO2 measurement



Based on our proven mechanical blender generation QualityMix, we have created added value for our users:

The QualityMix PRO gas mixer - a latest generation O2 / AIR gas mixer with integrated SpO2 measurement

The user interface is based on a modern layout with a touch display and intuitive menu navigation. This results in advantages and added value in application and use

- Digitalization of the familiar mechanical gas mixer
- Precise flow control of the mixed gas via a motorized valve
- Display and control of the flow rate via the display
- Known and exact setting of the O2/air mixing ratio referenced to the built-in O2 sensor
- Submenus for alarms / alarm limits / language settings / service menu / night screen
- Log function for all process parameters
- Possibility to transfer all data to a PDMS / HIS / control center via RJ 45 interface and HL 7 protocol (V3) and communication according to ISO/IEEE 11073 in hospital directory structure.
- Backup battery for power failure / transportation (max. 15 minutes without external power supply)
- Coordinated, low-maintenance individual components
- High reliability due to durable components / design

Ideal for operation with ECMO, HFOX-CPAP, HFOX-NIV and in all intensive care units for adult, pediatric and neonatal applications. (Further gas mixtures such as additional CO2 / N2O in preparation)

Additionally with measurement of the vital parameters SpO2, perfusion index and pulse rate (Masimo technology)

Technical data	Value
Power supply	AC 110-230 V, 50-60 Hz / 2 x 9 V 6LR61 (15 min. Back up non rechargeable)
Mixing range	21-100 % O ₂ - at a flow rate of 0.2-60 liters / minute
Inlet pressure	2,7-6,5 bar (difference < 0.7 bar)
Inlet thread	O ₂ & AIR in each case NIST (optional DISS)
Temperature range	+5°C to +50 °C
Tolerances mixture	+/- 3 % over the entire adjustment range
SpO ₂	0 – 100 %
Puls rate	0 – 240 bpm
Perfusion index	0 – 20,00
Approval	CE 0482 (pending)

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