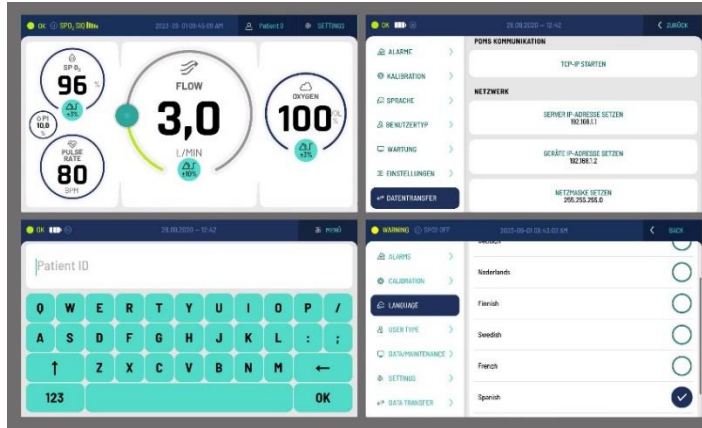


# QualityMix PRO

Electronically controlled oxygen/air blender with integrated SpO<sub>2</sub> 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 O<sub>2</sub> / AIR gas mixer with integrated SpO<sub>2</sub> 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 O<sub>2</sub>/air mixing ratio referenced to the built-in O<sub>2</sub> 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 CO<sub>2</sub> / N<sub>2</sub>O in preparation)

**Additionally with measurement of the vital parameters SpO<sub>2</sub>, perfusion index and pulse rate (Masimo technology)**

Technical data	Value
Power supply	AC 110-240 V, 50-60 Hz / 2 x 9 V 6LR61 (Back up)
Mixing range	21-100 % O <sub>2</sub> - at a flow rate of 0-60 liters / minute
Inlet pressure	2,7-6,5 bar (Safety valve)
Inlet thread	O <sub>2</sub> & AIR in each case NIST or DISS
Temperature range	+5°C to +50 °C
Deviation	+/- 2 % over the entire adjustment range
SpO <sub>2</sub>	0 – 100 %
Puls rate	0 – 240 bpm
Perfusion index	0 – 20,00
Approval	CE 0482

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