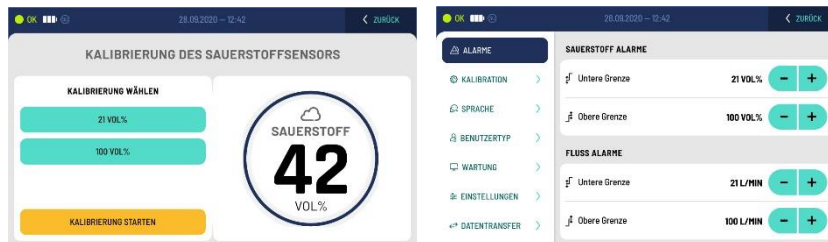


# QualityMix PRO

Electronically controlled oxygen / AIR blender



Based on our proven mechanical mixer generation **QualityMix**, we have created additional value for our users.

## The **QualityMix PRO** gas mixer - an O<sub>2</sub> / AIR gas mixer of the latest generation

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

- Digitization of the known mechanical gas mixer
- Exact flow control of the mixed gas via a motor 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 of all process parameters
- Possibility of transferring all data to a PDMS / HIS / control center via RJ 45 interface and HL 7 protocol (V3) and communication in accordance with ISO / IEEE 11073 into a Hospital specific IT structure.
- Backup battery for power failure / transport (max. 15 minutes without external power supply)
- Coordinated, low-maintenance individual components
- high failure safety through durable components / construction

Ideal for use with ECMO, HFO<sub>x</sub>-CPAP, HFO<sub>x</sub>-NIV and in all intensive care units for adult, pediatric and neonatal applications. (Other gas mixtures such as additional CO<sub>2</sub> / N<sub>2</sub>O in preparation)

Technical data	Value
Power supply	AC 110-240 V, 50-60 Hz / 2 x 9 V Block (Back up)
Blending area	21-100 % O <sub>2</sub> - at a flow of 0-75 liter/minute
Inlet pressure	2,7-6,5 bar (Safety valve)
Inlet	O <sub>2</sub> & AIR respectively NIST or DISS
Temperature range	+5°C to +50 °C
Blending tolerances	+/- 2 % over the entire setting range
Registration	CE 0482 (pending)

WE THINK IN PRESSURE & FLOW