Klinikbedarf
Heimtherapie

Sonderlösungen
Beratung
Service

Certified to DIN EN ISO 13485

Quality Mix

air/oxygen mixer/blender

Accessories and additional equipment

Gas supply plugs + connection hoses

Multifunctional instrument holder

Oxygen Monitor

Flowmeter

Blenderbuddy

oxygen mixer of the new generation

Each oxygen mixer needs a "bleed" to guarantee an exact oxygen concentration when operated at low flow rates under 3 lpm.

Above 3 lpm this is not needed, it consumes oxygen unnecessarily and causes noise!

You can decide if the bleed function, that can be switched on and off is needed or not.

This is also a matter of great concern with mobile CPR units that utilize cylinder operation.

Due to its modular design the Low Flow Mixer can be adapted to suit the user's requirements.
It can be configured individually from an extensive range of flow meters:

- as a basic model with one flow meter
- with two flowmeters
- equipped with our blender-buddy many possibilities for the complete spectrum of pediatrics are provided!
- an oxygen monitor for monitoring patient oxygenation can be added as an additional module!

In buildings where pressure deviates dramatically between the gas supply pipes we can supply a pressure module that can be switched on when required.

Quality Mix

User-friendly through modular design

Made in Germany

Innovation combined with experience and competence

Certified to DIN EN ISO 13485

Air-Oxygen Mixer/Blender Quality Mix

Low Flow and High Flow

The Low Flow and High Flow Air-Oxygen Blender Quality Mix LF and Quality Mix HF stand out through their particularly simple handling and a high FiO2-accuracy.
For noise reduction the bleed flow can be switched off. This is especially an advantage for children- and neonate's intensive care units.
With the Low Flow and High Flow Air-Oxygen Blender 2 flowmeters can be operated at the same time, for example 0-1LPM and 0-15 LPM

Following modules are available:

Module pressure reducer	- to keep the inlet pressure constant
Module Bleed	- to switch off the bleed flow
Module oxygen measuring	- to measure the adjusted oxygen concentration
Module blender Buddy	- to intake the oxygen cell when using 2 flowmeters

Technical data basic device:

	Low Flow
Dimensions W x H x D	6,3 x 11,5 x 11,5 cm
Weight	1600 g
FiO_2 accuracy	+/- 2 %
Alarm activation	when pressure differential is >1 bar (14,5 psi) of the gases or one gas is off
Primary Outlet Flow Range	3 – 30 LPM without bleed flow
Auxiliary Outlet Flow Range	0 – 30 LPM with bleed flow which can be switched off
Bleed flow at 4,5 bar (65,27 psi)	max. 3 LPM
total flow maximum	> 45 LPM
Gas Supply Pressure	3,5 – 6,5 bar (50,76 – 94,27 psi)
operating temperature	+5°C to +40°C

	High Flow
Dimensions W x H x D	6,3 x 11,5 x 11,5 cm
Weight	1600 g
FiO_2 accuracy	+/- 2 %
Alarm activation	when pressure differential is >1 bar (14,5 psi) of the gases or one gas is off
Primary Outlet Flow Range	5 – 110 LPM with bleed flow
Auxiliary Outlet Flow Range	2 – 110 LPM with bleed flow which can be switched off
Bleed flow at 4,5 bar (65,27 psi)	max. 10 LPM
total flow maximum	> 110 LPM
Gas Supply Pressure	3,5 – 6,5 bar (50,76 – 94,27 psi)
operating temperature	+5°C to +40°C

Blender with	**Order-No.**
Low Flow	QM-LF
High Flow	QM-HF

CE 0482

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