

## Nitrous oxide workstation

The QualityMix N<sub>2</sub>O 0-70 medical gas mixer for nitrous oxide and oxygen is an important device for anesthesia and sedation of patients. It is mainly used in obstetrics and emergency medicine. With the QualityMIX N<sub>2</sub>O gas mixer, the desired concentrations of nitrous oxide (0-70%) and oxygen (30-100%) can be precisely mixed and delivered to the patient.

The gas mixer has a demand valve that allows the patient to inhale the gas mixture on demand.

This ensures safe and effective anesthesia or sedation during the procedure without wasting gas or exceeding MAC values for staff.

The device can optionally be operated or equipped with an expiratory air suction system (AGFS / AGSS) or a filter option (ORS) for vacuum systems or a compressed air injector.

This option ensures that contaminated air does not enter the room and that the safety of patients and medical staff is guaranteed.

Overall, the QualityMIX N<sub>2</sub>O medical gas mixer for nitrous oxide and oxygen offers a complete workstation for anesthesia and sedation of patients, providing precise gas supply and additional safety features.



### Fully customisable according to your needs with a selection of 3 different N<sub>2</sub>O-blenders

Technical data	Quality Mix N <sub>2</sub> O-50-FIX	Quality Mix N <sub>2</sub> O-50	Quality Mix N <sub>2</sub> O-70
Measurements LWH	11,5 x 6,,3 x 11,5 cm	11,5 x 6,,3 x 11,5 cm	11,5 x 6,,3 x 11,5 cm
Weight	ca. 1600 g	ca. 1600 g	ca. 1600 g
Deviation	+/- 3 %	+/- 3 %	+/- 3 %
Max. concentration N2O	50%	50%	70%
Special feature	Permanently set		Detent at 50% N2O
Activation of gas supply alarm	> 1 bar pressure difference of the supply gases, or one gas 0	> 1 bar pressure difference of the supply gases, or one gas 0	> 1 bar pressure difference of the supply gases, or one gas 0
Flow outlet	2 – 40 l/min	2 – 40 l/min	2 – 40 l/min
Total flow maximum	> 40 l/min	> 40 l/min	> 40 l/min
Emergency shutdown N2O	< 2,5 bar O2	< 2,5 bar O2	< 2,5 bar O2
O2 flush	100% O2	100% O2	100% O2
Inlet pressure	3,5 – 6,5 bar	3,5 – 6,5 bar	3,5 – 6,5 bar
Operating temperatur	+5°C bis +40°C	+5°C bis +40°C	+5°C bis +40°C
Relative humidity	max. 95% non-condensing humidity	max. 95% non-condensing humidity	max. 95% non-condensing humidity

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