

Oxymixer Consumables and Accessories

The simple act of breathing can be arduous for recovering patients. To give them the breathing support they need, oxygen therapies require both an accurate dosage mixture and a continuous delivery of flow - adjusted to each patient individually. With our Dräger Oxymixer, you can administer to all your patients - infants, children, and adults - the ideal individual therapeutic concentration needed.



Benefits

Giving each patient the ideal O₂ concentration

For many patients, oxygen therapy is essential to their recovery and can be life-saving. In order to support them as best as possible, the oxygen concentration during oxygen therapy must be precisely adjusted to match their individual needs and particular situation.

To help you improve your clinical outcomes, our Dräger Oxymixer ensures that each patient receives the O₂ therapy precisely tailored to their needs. You can easily and reliably set the precise oxygen concentration between the range of 21 – 100%. Moreover, depending on your individual therapy strategy, you control the amount of oxygen concentration by mixing it with medical compressed air. This guarantees you with the optimal ventilation application for neonates, children, and adult patients. In combination with a trolley, the Oxymixer is an ideal flow source for both high flow and bubble CPAP therapy.

Maximum flexibility - five versions and a configurator

Adjusting the appropriate air flow dosage is a vital step in your patient's path to self-breathing. To maximise dosing versatility and flexibility, our Oxymixer is available in five different versions and has a configurator for the individual selection of components. Additionally, the Oxymixer comes complete with flow meters which control the dosage of flow, ensuring your patients receive precise and continuous air flow. All of our Oxymixer versions give you a high degree of flow accuracy. Incorporated, you will also find that the automatic bleed flow allows a high accuracy of the O₂ concentration (FiO₂) for lower flows. To help you manage costs, an integrated bleed-on-off switch allows you to save gas if the bleed flow is not needed.

Safety in every situation

To protect your patient through the entire ventilation therapy, you need to count on equipment that delivers immediate warning signals in case of emergencies. The Dräger Oxymixer is designed to give you effective and prompt alarm notifications in the event of pressure loss or if there is any interruption in the supply of air and/or oxygen. The safety and reliability of the therapy are never compromised thanks to the very simple but equally accurate adjustment of the oxygen concentration by means of a rotary switch. As an added safety advantage, you can connect an optional oxygen monitor to directly display the administered corresponding concentration of oxygen. This safety feature makes the Oxymixer ideal for very sensitive and fragile patients such as neonates.

Designed for practicality and robustness

Clinical environments are busy and intense. Your medical equipment needs to be ready at a moment's notice and withstand the bumps that it may take all through the patient pathway. With this in mind, the Oxymixer is encased in a robust metal housing that protects it from damage, even in the most bustling clinical scenarios. In addition, it has a practical rail clamp which you can attach to any standard rail, for example, DIN, Carbamed, or Fairfield.

Benefits

Helping to shape a more sustainable future

As a manufacturer of medical technology for over 130 years, we are committed to providing excellence in the quality of our products. And we are also committed and believe in taking responsibility in creating a sustainable product with a low carbon footprint, on account of production being in Germany, as well as promoting the use of long-lasting materials, such as metal.

We avoid the utilisation of plastics or similar products whenever possible in our manufacturing processes. Furthermore, we place great effort to use environmentally certified lacquer systems and we fully recycle metal waste in production. Our dedication to sustainability also extends to our supplier selection process. For this reason, the Oxymixer is a tradeware product that is manufactured by DEHAS Medical Systems, Germany, who share our environmental requirements. For the whole life cycle, our products are designed to be reliable and durable - this is our commitment, this is the responsibility we have for a healthier environment.

Details



D-1770-2016

Oxymixer Low Flow without monitor



D-7567-2022

Oxymixer Low Flow with monitor



D-5872-2018

Oxymixer Low flow with 15L/ min flowmeter



D-1776-2016

Oxymixer High Flow without monitor



D-7578-2022

Oxymixer High Flow with monitor



D-17769-2016

Oxymixer Low Flow with silencer

Technical Data

	High Flow with high flow capacity	Low Flow with low flow capacity
Main flow outlet (left side)	15 – 120 l/min	3 – 30 l/min
Secondary flow outlet with bleed	0 – 105 l/min	0 – 27 l/min
Bleed flow	≤ 13 l/min at 3.4 bar (49.3 psi)	≤ 3 l/min at 3.4 bar (49.3 psi)
Maximum combined flow (all outlets)	≥ 120 l/min	≥ 30 l/min
Emergency flow (in the event of the air or oxygen supply failing)	> 85 l/min	>15 l/min
Alarm signal in the event of loss of supply pressure:	Alarm on when the pressure difference of both gases is 0.9 – 1.8 bar (13 – 26.1 psi).	
Alarm volume	≥80 dB at a distance of 30 cm	
Adjustment range of oxygen concentration	21 – 100%	
Gas supply pressure	3.2 – 6.5 bar (46.4 – 94.3 psi) air and oxygen with max. 0.7 bar (10.1 psi) pressure difference between the two	
Accuracy of the gas mixture (FIO ₂)*	± 3 % oxygen	
Connection types	DISS** outlets for gas mixture and NIST or DISS (US and Canadian coded) inlets for air and oxygen	
Dimensions (L x W x H)	13 x 16.5 x 12.2 cm (5.1 x 6.5 x 4.8 inch)	
Weight	approx. 1,600 g	
Operating temperature	+5 °C to +50 °C (41 to 122 °F)	

*The accuracy of the oxygen concentration can be detrimentally affected if the bleed is not activated in accordance with the instructions for use.

**International device connection standard

Ordering Information

Oxymixer

Oxymixer configuration free choice of Low- or High Flow Blender with: <ul style="list-style-type: none"> - 1 or 2 flowmeter - NIST or DISS gas inlet - Monitor - Bleed switch - Nozzle - Sound damper 	MP04200
including: <ul style="list-style-type: none"> - Rail fixation 	
Oxymixer High Flow; NIST including: <ul style="list-style-type: none"> - Rail clamp - Flowmeter 0-32L/min right - Flowmeter 0-85L/min left - User manual 	MP04201
Oxymixer High Flow with Monitor; NIST including: <ul style="list-style-type: none"> - Rail clamp - Flowmeter 0-32L/min right - Flowmeter 0-85L/min left - Monitor - Oxygen sensor - Oxygen sensor cable - Sensor receptacle - User manual 	MP04202
Oxymixer Low Flow with on-off bleed switch; NIST including: <ul style="list-style-type: none"> - Rail clamp - Flowmeter 0-3L/min right - Flowmeter 0-15L/min left - Blee on/off switch - User manual 	MP04203
Oxymixer Low Flow with Monitor and on-off bleed switch; NIST including: <ul style="list-style-type: none"> - Rail clamp - Flowmeter 0-3L/min right - Flowmeter 0-15L/min left - Bleed on/off switch - Monitor - Oxygen sensor - Oxygen sensor cable - Sensor receptacle - User manual 	MP04204
Oxymixer Low flow with 15L/ min Flowmeter left; NIST including: <ul style="list-style-type: none"> - Rail clamp 	MP04229

- Flowmeter 0-15L/min right
- User manual

Accessories and replacement parts

Oxymixer with a flow rate of 0 – 3 l	MP04213
Oxymixer with a flow rate of 0 – 6 l	MP04214
Oxymixer with a flow rate of 0 – 15 l	MP04215
Oxymixer with a flow rate of 0 – 32 l	MP04216
Oxymixer with a flow rate of 0 – 85 l	MP04217
Oxymixer silencer with 9/16"	MP04218
Oxymixer silencer with 22 mm and 15 mm	MP04219
Oxymixer oxygen sensor	MP04221
Adapter 9/16" to 15/22mm	MP05305
Multi-P trolley including 3 rail holders and basket	MP13020
Multi-P trolley (base with 5 castors and pole)	MP13021

Notes

Not all products, features, or services are for sale in all countries.
Mentioned Trademarks are only registered in certain countries and not necessarily in the country in which this material is released. Go to www.draeger.com/trademarks to find the current status.

CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
www.draeger.com

Manufacturer:

DEHAS Medizintechnik GmbH
Wesloer Straße 112
23568 Lübeck
Germany

REGION EUROPE

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION MIDDLE EAST, AFRICA

Drägerwerk AG & Co. KGaA
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
Tel +971 4 4294 600
Fax +971 4 4294 699
contactuae@draeger.com

REGION ASIA PACIFIC

Draeger Singapore Pte. Ltd.
61 Science Park Road
The Galen #04-01
Singapore 117525
Tel: +65 6872 9288
Fax: +65 6259 0398
asia.pacific@draeger.com

REGION CENTRAL AND SOUTH AMERICA

Dräger Indústria e Comércio Ltda.
Al. Pucurui - 51 - Tamboré
06460-100 - Barueri - São Paulo
Tel. +55 (11) 4689-4900
relacionamento@draeger.com

CANADA

Draeger Medical Canada Inc.
2425 Skymark Avenue, Unit 1
Mississauga, Ontario, L4W 4Y6
Tel +1 905 212 6600
Toll-free +1 866 343 2273
Fax +1 905 212 6601
Canada.support@draeger.com

Locate your Regional Sales Representative at:
www.draeger.com/contact

