

## Dräger NITROX 200 Diving Equipment

The Dräger Nitrox 200 is a configurable, manually operable unit for mixing nitrox gases out of oxygen (up to 200 bar) and breathing air (up to 200 bar).



## Benefits

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### Mobile or fixed installation

The transport case version of the Nitrox 200 stands out because of its mobility – indispensable for professional diving. Thanks to its light weight of only 9 kg (19.8 lb), the entire unit can be easily transported in the case including all the supply and disposal lines. The wall version of the Nitrox 200 can be installed in any diving station to mix nitrox gases.

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### Extensive range of functions

As a central interface between the auxiliary equipment and the components of the mixed gas system, the Dräger Nitrox 200 simplifies operation for the user with a wide array of functions:

- Supply of oxygen directly from the oxygen source or via the booster
- Supply of breathing air from the breathing air cylinder or the compressor
- Filling diving cylinders with oxygen, breathing air or nitrox gases
- Supply of an external mixed gas supply directly or via the booster
- Pressure relief of the gas supply lines
- Production of gas mixtures by means of a precision pressure gauge
- Analysis of the gas fill using the X-am 5000

In order to fill nitrox cylinders, the Dräger Nitrox 200 comes with a high-pressure oxygen connection, a high-pressure breathing air connection as well as a high-pressure nitrox filling connection. The transport case version can fill cylinders up to a volume of 12 l/200 bar. A connection hose must be used to fill larger cylinders. The filling unit is equipped with a digital precision pressure gauge (0 to 300 bar) to indicate the minimum and maximum pressure. The proven analysis device X-am 5000 is used to check the amount of oxygen contained in the mixed gas filling. It measures up to 100 % by volume and is included in the delivery contents.

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### Tested safety

Made and cleaned for operation with oxygen.

## Related Products



ST-6766-2006

### Dräger Oxygen Booster DOB-H

Small, sturdy and effective: the mobile Dräger Oxygen Booster DOB-H, a single-stage, dual-action piston pump, is indispensable in all situations where high-pressure oxygen is needed in apparatus cylinders but no power source is available.



ST-9717-2006

### Dräger Oxygen Booster DOB 200/300

The stationary Dräger Oxygen Booster DOB 200 and Dräger Oxygen Booster DOB 300 allow oxygen at pressures of up to 300 bar to be efficiently decanted from storage cylinders into apparatus cylinders.



ST-9715-2006

### Dräger DOB M/T

The Dräger DOB-M (mobile version) and Dräger DOB-T (table version) are compact, portable oxygen booster pumps that allow oxygen at pressures of up to 300 bar to be efficiently decanted from storage cylinders into apparatus cylinders.



ST-9730-2006

### Dräger OxygenTest 100

The Dräger OxygenTest 100 is an oxygen-only detector that determines the oxygen content of breathing air and oxygen mixtures. This mobile testing system is indispensable, especially in professional diving applications.

## Related Products



ST-1179-2008

### Dräger Aerotest® Simultan HP

Dräger Aerotest® Simultan HP is used to determine the quality of respiratory air in high-pressure applications. In combination with the new Dräger Oil Impactor the system offers a unique quality level for the monitoring of compressed air.



ST-1344-2004

### Dräger Aerotest® Navy

Specially designed to meet the requirements of the Navy, the Dräger Aerotest® Navy is used to monitor the purity of breathing air in the high pressure range.



ST-130-2007

### Dräger Diving Accessories

Versatile, personal diving equipment that can be adapted to individual requirements: for instance, suit, fins, sonar and other accessories required by the diver.



ST-448-2003

### Dräger DiveSorb® Pro

The Dräger DiveSorb® Pro was developed specifically for closed or semi-closed rebreathers in order to allow a high degree of CO<sub>2</sub> absorption, and thus long dive times.

## Related Products



SI-2717-2004

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### Dräger UT 402

The Dräger UT 402 is an underwater telephone that provides clear communication without interference between divers and surface controller.

## Technical Data

### Dräger Nitrox 200

Principle	Unit for mixing nitrox from oxygen and breathing air Production of mixed gases (O <sub>2</sub> :/N <sub>2</sub> ) in %, e.g.: 60/40; 50/50; 40/60 or 32.5/67.5
Oxygen supply	Oxygen, e.g 50 l/ 200 bar (2,900 PSI) with connection hose; double-sided G 3/4
Compressed air supply	Breathing air according to DIN EN 12021 – 200 bar with connection hose; M16x1.5 and G 5/8
Fill connection	G 3/4 standard connection; others upon request
Mixed pressure indicator (bar)	Digital pressure gauge 0 – 300 / 0 – 4,351 PSI (for oxygen 0 – 200 / 0 – 2,900 PSI)
Oxygen analysis	X-am <sup>®</sup> 5000 O <sub>2</sub> : Measuring instrument 0 – 100 % with supply unit adapter (hose connection)
Transport case dimensions (L x W x H in mm)	approx. 525 x 436 x 217 (20.6 x 17 x 8.5 inch)
Weight including transport case (kg)	approx. 9 (19.8 lb)
Wall version dimensions (L x W x H in mm)	approx. 190 x 120 x 200 (7.5 x 4.7 x 7.9 inch)
Wall version weight (kg)	approx. 4.5 (9.2 lb)

## Ordering Information

### Dräger Nitrox 200

	Part No.
Dräger Nitrox 200. Configurable	69 08 600

### Accessories

	Part No.
Connector M24x2i – G3/4a, Nitrox	65 30 922
Connector M26x2a – G3/4a	65 31 940
Adapter G3/4a – G3/4a	D03801
Adapter G5/8i – G5/8I	U06532
Hose O <sub>2</sub> -, PS 220 bar; 1.5 m (4.9 ft); G3/4i – G3/4i	65 30 017
Air filling hose; PS 220 bar; G5/8a – G5/8a	69 03 840

## Notes

## Notes

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