

Dräger LAR 8000 Rebreather Diving Equipment

The Dräger LAR 8000 is a rebreather for tactical diving that can be used in a closed circuit (CCR) or, for greater depths, in a semi-closed circuit (SCR). The non-magnetic rebreather is especially impressive due to its minimal breathing resistance, extremely robust design and very easy handling.



Dräger LAR 8000



Benefits

Dräger LAR 8000: The flexible rebreather for any mission

In many situations, being able to adapt to unforeseen circumstances can be a matter of life or death. The Dräger LAR 8000 rebreather for tactical diving offers multiple options in a single device, so you are prepared for any conditions. Depending on the situation it can be operated closed-circuit (CCR) to prevent bubble formation, or semi-closed (SCR) with the use of nitrox to reach greater depths. It can also be worn either on the chest or back, depending on your requirements.

Minimal breathing resistance

A diver faces a wide range of challenges. Anything that reduces strain and improves a diver's readiness helps him to successfully complete the mission. One of the most relevant factors in this regard is the diving equipment's breathing resistance. The special design of the LAR 8000 guarantees a very low breathing resistance, enabling the user to breathe with less effort.

The diver benefits from having more energy to devote to the actual mission and, in the mid-term, he also needs less time to regenerate between dives. In the long-term, a low breathing resistance benefits the diver's health by reducing the strain on the respiratory organs.

Maximum safety

The ready-to-use Dräger DiveSorb® Go 8000 is designed for maximum user-friendliness. The hygienic, individually wrapped cartridges are instantly ready for use and can be quickly inserted into the LAR 8000. Now, you will never have to fuss with lengthy preparations or run the risk of under/overfilling the tank or coming into contact with soda lime.

The Dräger training program also ensures that users are familiar with the LAR 8000 and ready to safely use it in their daily work.

Very easy handling

Quick readiness and ease of use are guaranteed before, during and after the mission, regardless of whether visibility or space is limited. The LAR 8000 is mounted in just a few hand movements thanks to its click connections (P-Con) and completely eliminates the need for tools. The mouthpiece can be operated singlehandedly. After use, the individual components can be hygienically cleaned easily and reliably. Although it can be used for many different purposes, the diving gear is so self-explanatory that training is always quick and easy, saving you time and reducing costs.

Extremely durable

The LAR 8000 is designed for use under harsh conditions. Its sturdy, heat- and cold-proof casing reliably protects the life-sustaining components inside the device. This goes for the soda lime container and pneumatic gear, as well as for the breathing bag, which is also protected by an additional cover towards the diver's body.

Benefits

Adjustable lung demand valve

The user can adjust the response threshold of the lung demand valve as needed for the task at hand. He can choose between very easy breathing, comfortable breathing in "normal" diving operation or a "hard" setting that supports the diver during tactical ascents. The diver can set the breathing resistance using a lever with three clearly defined and recognisable positions.

Non-magnetic (optional)

The LAR 8000 is a non-magnetic diving apparatus conforming to STANAG 2897, class A. All device components are designed and dimensioned according to the standard.

Details



Click connections (P-Con), soda lime canister and nitrox switch



Inserted exhalation (left) and inhalation (right) counterlung



Back cover to protect the exhalation and inhalation counterlung

System Components

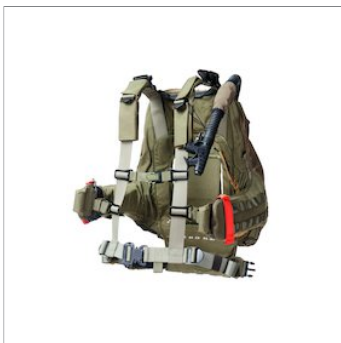
D-57980-2012



Dräger Tactical Harness 1000

Versatile carrying harness for LAR rebreathers.

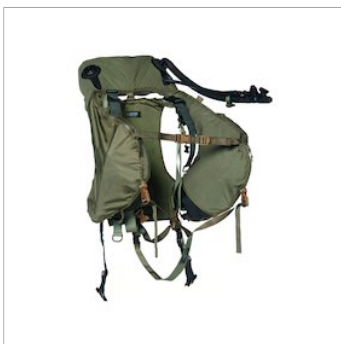
D-6095-2018



Dräger RBD 5000

The RBD 5000 is a modular carrying system for military closed-circuit diving apparatus. It serves as an all-in-one buoyancy, body protection and emergency ascent system. For personal ballistic protection, the carrying system can be detached from the plate carrier, making boarding significantly easier.

D-26274-2020



Comfort Harness System

The Comfort Harness System is a modular carrying system for military closed-circuit diving apparatus and flexible for different applications. The components can be use in combination with fixed attachments to configurate one device. Alternatively each component can be used stand alone.

Accessories



D-20381-2020

DiveSorb® Go 8000

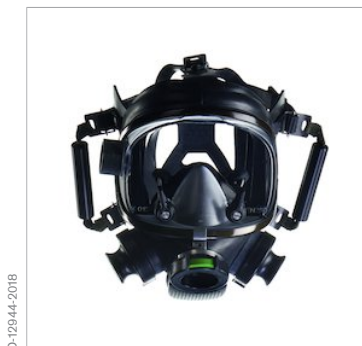
The DiveSorb® Go 8000 is a Disposable-CO₂-Absorber made for the Dräger LAR 8000. The DiveSorb® Go 8000 is an easy-to-use, clean and efficient solution for the CO₂ absorption in demanding missions.



D-26309-2020

Dräger DiveSorb® Pro

Dräger DiveSorb® Pro was developed specifically for closed or semi-closed rebreathers in order to allow a high degree of CO₂ absorption, and thus long dive times.



D-12544-2018

Dräger Panorama Nova Dive

The Panorama Nova Dive is a full-face mask that offers various connection possibilities for regulators, underwater communication, and a low pressure warning. It allows the professional user to dive comfortably under difficult conditions.



D-11306-2016

Oxygen and mixed gas cylinders

Both, non-magnetic and magnetic oxygen cylinders are available.

Accessories

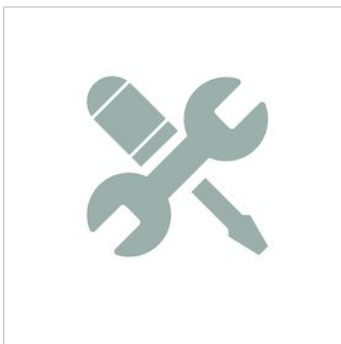


D-1040-2020

Transport case

The robust transport case can be used to safely store and transport the Dräger LAR 8000 and its accessories. The cases can be stacked.

Services



D-2331-2016

Product Service

Our product service provides support with different service packages – in our workshops or directly on your premises. Care, maintenance and servicing are crucial for safety and reliability – but careful maintenance and care are a must, even when it comes to commercial considerations. Preventive checks, ongoing care and use of original replacement parts improve the longevity of your investment.

Technical Data

Description	Closed circuit rebreather (CCR) with oxygen Semi-closed circuit rebreather (SCR) with nitrox
Diving depth/duration CCR:	0 to 6 msw at ppO ₂ < 1.6 bar (0 to 10 msw at ppO ₂ < 2.0 bar) up to 300 min depending on cylinder size, rate of breathing and dive sorb
Diving depth/duration SCR:	NATO B MIX 0 to 16 msw at ppO ₂ < 1.6 bar (0 to 24 msw at ppO ₂ < 2.0 bar) approx. 120 min (4.0 l cylinder) NATO C MIX 0 to 30 msw at ppO ₂ < 1.6 bar (0 to 40 msw at ppO ₂ < 2.0 bar) approx. 60 min (4.0 l cylinder) NATO D MIX 0 to 40 msw at ppO ₂ < 1.6 bar (0 to 54 msw at ppO ₂ < 2.0 bar) approx. 40 min (4.0 l cylinder)
Breathing gas	0 to 24 msw pre-mixed gas B, 60 % O ₂ , 40 % N ₂ 0 to 40 msw pre-mixed gas C, 40 % O ₂ , 60 % N ₂ 0 to 54 msw pre-mixed gas D, 32.5 % O ₂ , 67.5 % N ₂
Soda lime	DiveSorb® Go 8000 soda lime cartridges to quickly, easily refill the soda lime container. Alternative: DiveSorb® Pro; approx. 2.4 kg per filling
DiveSorb Pro duration	175 min (40.0 l/min) – according to Stanag 1410 300 min (22.5 l/min)
DiveSorb Go duration	145 min (40.0 l/min) – according to Stanag 1410 270 min (22.5 l/min)
Magnetic signature (optional)	STANAG 2897, class A
Dimensions in mm (length x width x depth)	435 x 340 x 190
Weight	in air approx. 13 kg in water neutral, inhalation side of counterlung filled with 2.0 l gas
Operating temperature	0 °C to 40 °C
Storage temperature	-30 °C to 50 °C

Ordering Information

Dräger LAR 8000		T 80 000
NATO stock number		
NATO stock number		4220 12 420 8950
Cylinders		
Oxygen/mixed gas cylinder	Steel / 1.5 l / G ¾"	T 80 220
Oxygen/mixed gas cylinder	Steel / 1.5 l / M26x2	upon request
Oxygen/mixed gas cylinder	Composite / 1.9 l / CGA 540	40 59 311
Oxygen/mixed gas cylinder	Composite / 2.0 l / G ¾" / NM	T 80 222
Oxygen/mixed gas cylinder	Composite / 2.0 l / M26x2 / NM	upon request

Ordering Information

Mixed gas cylinder	Composite / 4.0 l / G 3/4" / NM	T 16 992
Mixed gas cylinder	Composite / 4.0 l / G 3/4"	T 15 109
Tools		
Tool bag		T 14 410
Spare parts		
On board set (for small onsite repairs)		37 06 787
Consumables		
DiveSorb® Go 8000, Soda Lime Cartridge (1 pc.)		37 00 230
DiveSorb® Pro, 4.8 kg		67 37 062
DiveSorb® Pro, 18 kg		67 37 109
Halocarbon lubricant (28 g per tube)		65 90 212

Notes

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