# Dräger LAR 8000
# Kretsløpsapparat

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

Technology for Life

# Highlights

## 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.

## 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.

## 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.

## 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.

# Specifications

## Key Facts

| | |
|---|---|
| Carrying | Front mounted Back mounted |
| Application | Tactical Diving, Submarine lockout, Recovery |
| Housing | Hard cover |
| Gas supply | switching between Oxygen and Nitrox |
| Adjustable lung demand valve | ✓ |
| Manual bypass | ✓ |
| Soda lime typ | Dive Sorb® Go 8000 ; Dive Sorb® Pro |

## Technical Data

| | |
|---|---|
| Dimensions in mm (L x W x D) | 45,5x34x19 cm |
| Weight in water | neutral |
| Diving depth oxygen | up to 10 msw |
| Weight in air | 30,86 lb |
| Diving duration Oxygen | up to 240 min |
| Diving depth Nitrox | up to 24 msw |
| Diving duration Nitrox | approx. 105 min. |
| Breathing gas | NATO A, 100 % O2 ; Nitrox NATO B, 60 % O2, 40 % N2 |
| Operating temperature | 0°C - 40°C |
| Storage temperature | -30°C - 50°C |
| Magnetic signature (optional) | STANAG 2897, Class A |
| Soda lime quantity | 5,51 lb |
| Flexible volume of breathing bags | > 4,5 liter |

# Accessories

## Deep-dive Harness "PSS Dive"

The PSS Dive Harness is a modular carrying system engineered for deep-water operations until 54 meters. With a large buoyancy volume and a non-magnetic construction, it is particularly well-suited for Mine Countermeasures (MCM) diving. The system offers high durability, multiple attachment points and the capability to carry breathing gas cylinder combinations.

## Oxygen and mixed gas cylinders

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

## Transport case LAR 8000

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

# Connective Products

## Dräger DiveSorb® Pro

- High-performance CO2 absorbent for challenging underwater operations
- Low breathing resistance, efficient absorption

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