



LAR 8000 ppO₂-Monitoring Diving Accessories

Monitoring the partial pressure of oxygen (ppO₂) is crucial for the diver's safety. The monitoring of ppO₂ helps to prevent hypoxia (low oxygen levels) and hyperoxia (high oxygen levels), both of which can be life-threatening. By providing real-time data from the LAR 8000 circuit, the ppO₂ monitor allows divers to adjust their depth as needed to complete their mission safely and in a controlled manner. This is particularly beneficial in training situations, where divers can learn to recognize and respect their limits.

LAR 8000 ppO₂-Monitoring



Benefits

Real-time measurement of oxygen partial pressure

The ppO_2 monitoring for the LAR 8000 continuously measures the oxygen partial pressure in the breathing loop. The displayed values are based on the current oxygen content of the inhaled gas and enable precise real-time monitoring. This helps divers to operate safely within recommended limits and minimizes the risk of oxygen toxicity.

Fast and simple installation

The ppO_2 monitoring system can be attached to the LAR 8000 in just a few seconds - without complex modifications or special tools. This ensures that the system is immediately ready for use and can be flexibly adapted to changing operational requirements.

Maintenance-free

The ppO_2 monitoring uses a long-life, maintenance-free solid-state oxygen sensor to ensure maximum reliability without additional effort. Regular calibrations or complex servicing are not required, saving time and increasing the system's operational readiness.

Full-featured dive computer

The M28 from Poseidon is a full-featured dive computer specifically designed for the demands of rebreather diving. In addition to precise monitoring of oxygen partial pressure, it also supports decompression planning and monitoring, and provides reliable information on depth, time, and ascent rate. This way, divers maintain full control over their limits - even during challenging dives.

System Components

D-5540-2019



Dräger LAR 8000

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.

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.

Ordering Information

ppO2-Monitoring LAR 8000 3728939

Scope of delivery:

- LAR 8000 adapter (incl. solid-state sensor)
- M28 computer (incl. customizable firmware)
- Bungee mount
- Protective cover
- Screen protector
- Connection cable (1.2 m)
- Charging cable
- Transport case

LAR 8000	T80000
RBD 5000	T17777
Comfort Harness	3714819

Not all products, features, or services are for sale in all countries. Trademarks mentioned herein are the property of its respective owner. Trademarks may be owned by Drägerwerk AG & Co. KGaA (Dräger) or its affiliates in certain countries and not necessarily in the country in which this material is released. Visit www.draeger.com/trademarks for the current status of Dräger's trademarks.

Corporate Headquarters

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

Region Europe

Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany
☎ +49 451 882 0
☎ +49 451 882 2080
✉ info@draeger.com

Region Asia Pacific

Draeger Singapore Pte. Ltd.
61 Science Park Road
The Galen #04-01
Singapore 117525
☎ +65 6872 9288
☎ +65 6259 0398

Region Middle East, Africa

Dräger Safety AG & Co. KGaA
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
☎ +971 4 4294 600
☎ +971 4 4294 699
✉ contactuae@draeger.com

Region Central and South America

Dräger Safety do Brasil Ltda.
Al. Pucuruí, 51/61 – Tamboré
06460-100 Barueri, São Paulo
☎ +55 (11) 4689-4900
✉ relacionamento@draeger.com



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