

Dräger RBD 5000 Rebreather Diving Equipment

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.

Carrying system for Dräger closed-circuit diving apparatus

Emergency ascent system: 450 N buoyancy using CO₂ cartridges

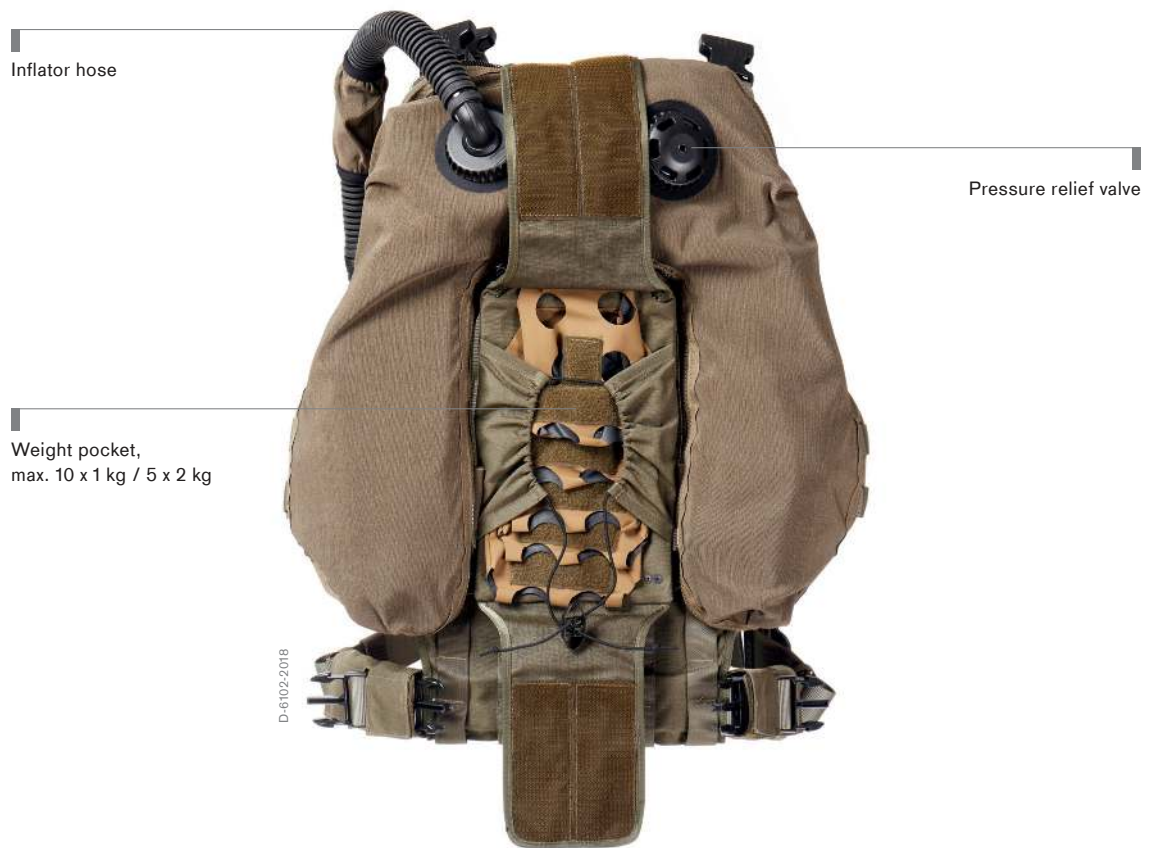
Buoyancy system, incl. inflator and inflator hose with 14 liter volume

Integrated weight pocket (detachable)



D-6095-2018

Dräger RBD 5000



Benefits

Carrying system for Dräger closed-circuit diving apparatus

The RBD 5000 is a carrying system for all closed-circuit diving apparatus in the Dräger LAR family. Buckles attach the diving apparatus to the vest. These buckles are individually adjustable, ensuring the apparatus fits comfortably.

Buoyancy system

To regulate and tare buoyancy at any depth, the RBD 5000 serves as a complete buoyancy system, with built-in inflator and inflator hose. The buoyancy compensator is made of PU-coated polyamide, with a volume of 14 liters for a safe, controlled dive.

Emergency ascent system

The RBD 5000 can be used as an emergency ascent system. The PU-coated polyamide ascent system is independent of the buoyancy system, offering buoyancy of 450 N with activation via a manual trigger mechanism. The emergency ascent system ensures a safe face-up position on the surface. The system is filled via the two built-in CO₂ cartridges. The trigger mechanism is located on the front side for easy access.

Weight system

The RBD 5000 includes a system of detachable weights. This system can be equipped with up to 10 kg of weight (10 x 1 kg/5 x 2 kg weights). The weights can be detached via an easy-access, forward-facing trigger mechanism.

Configuration options

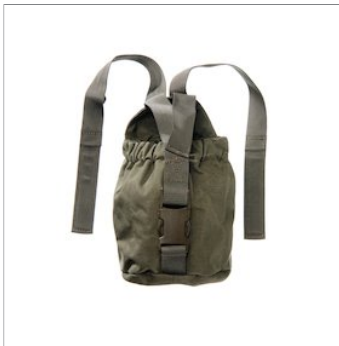
The carrying system is highly flexible in use. Additional accessories enable the user to adjust the RBD 5000 to the exact requirements of the planned mission. On the back, for example, the weight system can be replaced with a MOLLE equipment carrier, or both options can be omitted to attach additional equipment. There is also the option of attaching an additional nitrox tank.

Accessories



MOLLE equipment carrier (detachable)

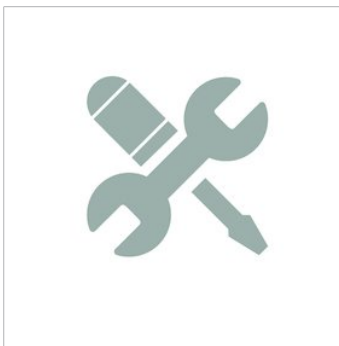
The equipment carrier can be attached instead of the weight pockets on the RBD 5000. The MOLLE system enables additional equipment items to be attached. The carrier can be detached along with the connected equipment using a trigger mechanism.



Cylinder pouch

The cylinder pouch can be attached horizontally below the weight pocket. For applications with mixed gas, a 1.5 liter / 10 cu ft litre nitrox tank can be securely stowed.

Services



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.

Services



Training

The Dräger Academy has shared its solid, practical knowledge for over 40 years. We hold more than 2,400 training courses each year, on a range of over 600 topics, with more than 110 authorised trainers. We equip your staff with practical knowledge and ensure that what they learn can be applied effectively, both day-to-day and, more importantly, whenever critical situations occur. We will be pleased to develop a customised training programme for you.

Related Products



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.

Technical Data

Base unit

Material	Cordura (olive)
MOLLE grid	2 lateral rows, left and right, x 6 spaces; 5 dorsal rows x 3 spaces
Weight	approx. 3.7 kg

Buoyancy compensator

Volume	14 liter
Buoyancy (in assembled condition)	120 - 140 N
Material	PU-coated polyamide 6.6, certified in accordance with DIN EN ISO 12402-7, black
Number of pressure-relief valves	1
Inflator hose	Same threading as pressure-relief valve, so position can be configured

Emergency ascent system

Buoyancy	450 N
Material	PU-coated polyamide 6.6, certified in accordance with DIN EN ISO 12402-7, black
Filling gas	2 x 75 g CO ₂
Activation	Manual
Number of pressure-relief valves	2

Accessories

Weight pocket	Can be fitted with up to 10 weight pockets weighing 1 kg each, or 5 weight pockets weighing 2 kg each; quickly detachable
Equipment carrier	MOLLE grid (5 rows x 5 spaces) to attach further equipment; quickly detachable
Cylinder pouch	1

Plate carrier

Material	Polyamide 6.6
Weight	approx. 0.8 kg

Ballistics protection

Number of plates	2
Weight	approx. 5.2 kg (one plate = approx. 2.6 kg)
Performance rating	VPAM 9 (stand-alone)
Material	Ceramic, coated with high-performance polyethylene / seawater-proof special coating
Dimensions	approx. 250 mm x 300 mm x 27 mm

Ordering Information

Base unit

RBD 5000	T17777
Buoyancy hose 115 mm	T54042

Service parts

Torpedo safety device	T17306
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Ordering Information

Consumables

CO₂ cartridge 75 g

T17219

Notes

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