



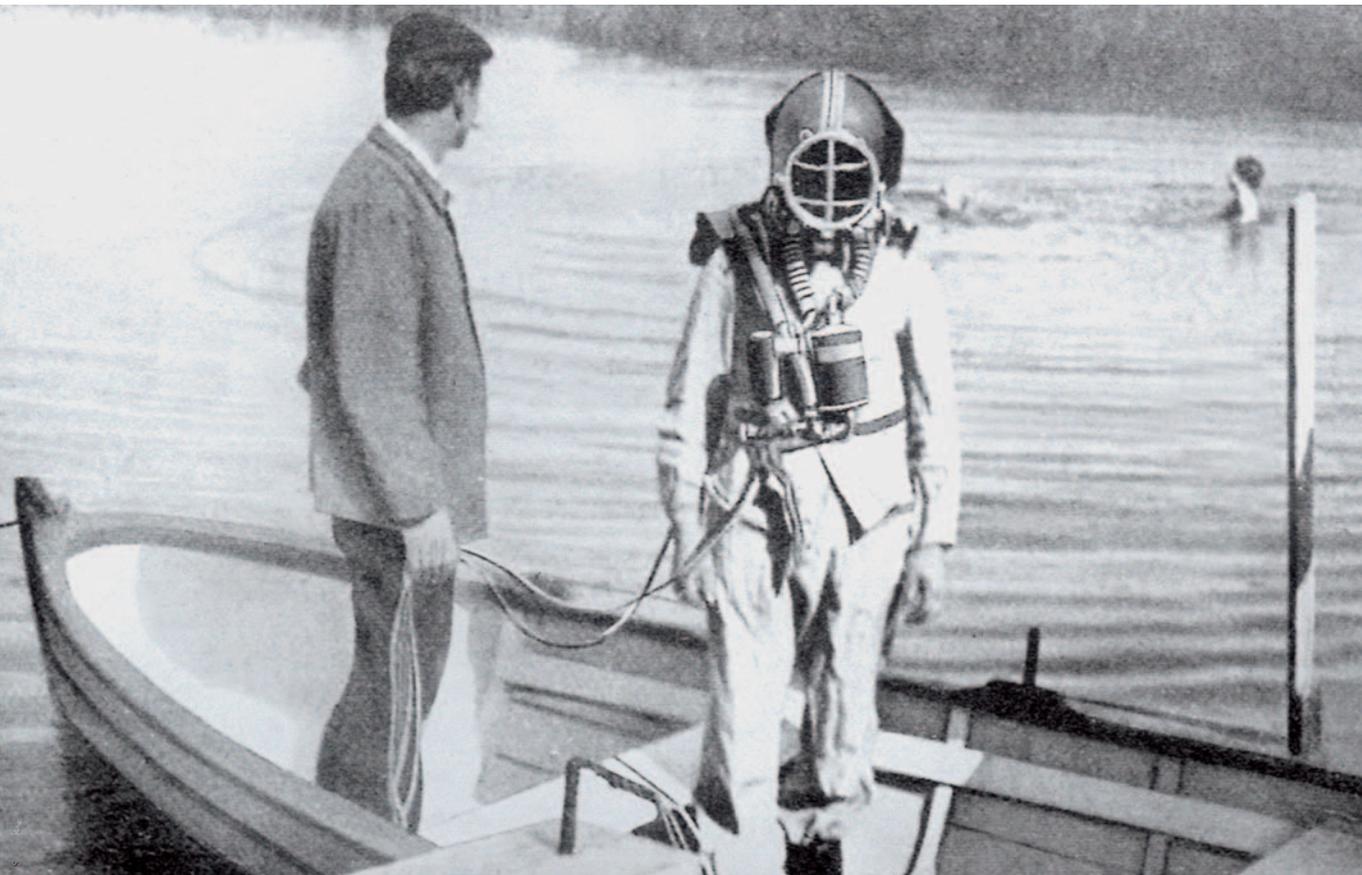
**You can't always choose your mission,
but you can choose technology**

Safety solutions for underwater operations

DIVING TECHNOLOGY

For more than 100 years we have been focusing our research towards one goal: your safety.

Working underwater often pushes persons to the limits of their endurance. Therefore, it is not surprising that those working underwater need to undergo rigorous training, and only trust the best equipment. Equipment provided by Dräger .



In 1889, Heinrich Dräger took out a patent for the pressure reducer, laying the foundation of modern diving technology. In 1912, Bernhard and Heinrich Dräger developed a diving apparatus that did not need a supply of breathable air from the surface. In 1917, the first decompression system was developed and 1954 saw the introduction of "Leutnant Lund", the first military oxygen-rebreather.

Ever since these developments, Dräger has been further developing diving technology. Today, Dräger manufactures underwater equipment to meet all application needs. For example, the Dräger PSS Dive was developed for use by rescue divers and damage control divers. For divers with special tasks, the LAR rebreathers were developed featuring a compact, robust and antimagnetic design.

Ultimately, the renowned quality of Dräger products is the reason they have become indispensable, not just in diving operations, but also in the field of medicine, personnel protection and in the aviation industry throughout the whole world.





Police work continues, even underwater.

Search and rescue divers

The Dräger PSS® Dive is an innovative, modern piece of equipment suited for individual requirements. This overall concept will allow the rescue diver to put the Dräger PSS® into use quickly and with ease -essential when every second counts-, leaving the diver prepared to face a wide variety of challenges with very little maintenance requirements.

Police divers

To enable the police to perform their duties even in the most hostile of underwater conditions, Dräger developed a flexible diving system consisting of different components.

In combination with the diving mask Panorama Nova Dive, the system also features the professional diving apparatus Dräger PSS® Dive, a rescue vest, a buoyancy control system and an underwater communication system. Dräger also offers training and seminar courses related to all of the equipment. This is our full service pledge to you.

Engineering divers

The compressed air breathing apparatus Dräger PSS® Dive features high flexibility, easy operability and is suitable for a wide range of applications. It is suitable for all tasks of engineering diving such as welding, salvage and underwater inspections.

CARRYING SYSTEMS

Dräger PSS® Dive Single EN
Ergonomically designed, the padded comfort straps ensure a perfect fit. Suitable for 6, 10 and 12 Ltr. cylinders with 200 or 300 bar. In this configuration, design specifications are to standard EN 250.



ST-2666-2004

Dräger PSS® Dive Duo EN
Also suitable for double cylinders 6, 7 and 10 Litre cylinders. The cylinders are fastened by two straps equipped with a special quick-release buckle. In this configuration, design specifications are to standard EN 250.



ST-124-2007

Dräger PSS® Dive Single vfdb
Suitable for 6, 7 and 10 Ltr. cylinders. Valve hoop guard for cylinder assembly with valve facing downwards. In this configuration, design specifications are to standard EN 250 and vfdb.



ST-1508-2003

Dräger PSS® Dive Duo vfdb
Suitable for 6, 7 and 10 Ltr. double cylinders. Valve hoop guard for cylinder assembly with valve facing downwards. In this configuration, design specifications are to standard EN 250 and vfdb.



ST-1509-2003

FULL FACE MASKS

Dräger Panorama Nova Dive
Up to three breathing systems can be simultaneously connected to the Dräger Panorama Nova Dive, or two breathing systems and a microphone for underwater communication systems.



ST-2671-2004

Dräger Panorama Nova Dive SW
The Dräger Panorama Nova Dive SW is also equipped with a welding shield.



ST-1503-2003

CYLINDERS & VALVES

Extensive options can be individually combined. From 2-12 Ltr. 200 bar for mono and dual valves. For 300 bar, a 6 Ltr cylinder with mono valve is available.



ST-2710-2004

BUOYANCY CONTROL & RESCUE SYSTEMS

Buoyancy control device
PSS Dive can be equipped with a wing buoyancy control device and 0.5 L emergency cylinder. In this configuration, design specifications are to standard EN 1809.



ST-2712-2004

Life saving jacket
When this personal floating device is used, the Dräger PSS Dive system is approved as a buoyancy control and life saving appliance according to EN 12628.



ST-2669-2004

BREATH REGULATORS

Dräger Shark
The advantage of the Dräger Shark is the integrated amplifier which supplies the diver with a 0.5 bar pressure increase per 10 meters depth to ensure that tasks can efficiently be completed.



ST-2697-2004

Control instruments
Consoles are available for 2 or 3 instruments. The double-console provides space for a pressure gauge as well as a compass or depth gauge. The three piece console provides space for a depth gauge, a pressure gauge and a compass.



ST-2696-2004

Warning devices
The mechanical low pressure warning is an independent module approved according to EN250. The diver is warned by acoustic, visual and tactile signals.



ST-127-2007

BREATHING APPARATUS

Compressors and filling systems
Breathing gas supply systems from Dräger ensure that breathing air is always provided for the underwater mission. Dräger delivers breathing air quality according to DIN EN 12021.



ST-128-2007

Dräger Aerotest Simultan HP
This device determines the quantity of moisture, oil, CO₂, CO etc. in the air flow supplied by high-pressure compressors or compressed air at a max pressure of 300 bar.



ST-7001-2008

PERSONAL DIVING EQUIPMENT

Dräger offers you everything from one source. It goes without saying that this also includes all needed personal diving accessories.



ST-130-2007

UNDERWATER TELEPHONE

Dräger UT 402
The Dräger UT 402 is an underwater telephone that provides clear continuous communication without interference via the hard wired transmitter/receiver unit between divers and surface controller.



ST-2717-2004



Silent and invisible.

Very few military operations place higher demands on man and machine than special operations diving. Long distances have to be covered without being detected - Dräger can support you in meeting these demands.

Special units & combat swimmers

The preferred diving apparatus for combat swimmers and their special units is a closed-circuit oxygen rebreather, for example, Dräger LAR 5000.

The wireless Aquacom communication system is used for communication with the team during their missions. It fits perfectly into the Dräger full mask Panorama Nova Dive.

On request, Dräger can also deliver the entire equipment including personal diving outfit and all buoyancy control and rescue vests in an antimagnetic version to ensure that you can reach your destination without problems.

DIVING APPARATUS

Dräger LAR 5000

Dräger LAR 5000 is a lung governed closed-circuit breathing apparatus for use with pure oxygen. The compact design of the Dräger LAR 5000 makes it suitable for all tactical underwater missions and submarine look-out.



ST-15412-2008

FULL FACE MASKS

Dräger Panorama Nova Dive

The mask is provided with connections for the breathing apparatus, bail-out regulator and microphone. For closed and semi-closed rebreathers, it is fitted with an inner mouthpiece.



ST-2671-2004

CARRYING SYSTEMS

Dräger comfort harness

The comfort carrying vest enables the diving apparatus to be connected simply via quick-release buckles. The vest features leg and shoulder straps as well as a pouch for 2.7 and 4 Ltr. cylinders.



ST-6328-2006

LIFE PRESERVER

Dräger Shadow

The Dräger Shadow life preserver is a compact rescue and buoyancy control vest designed especially for Dräger LAR 5000 and LAR 7000. The Dräger Shadow life preserver has the ability to be inflated by single or dual high-pressure air cylinder or by a power-inflator.



ST-14790-2008

Dräger TSK 17 C

This double layer rescue and buoyancy control system features high buoyancy. The system is equipped with a Power Inflator. Pockets can be attached to the outer shell. The inner bladder functions as a life preserver.



ST-132-2007

CYLINDERS

Cylinders and valves

Cylinder options are available matching the operation requirements from 1.5 to 4 Ltr. Cylinder options also include non-magnetic cylinders.



ST-5881-2004

FILLING SYSTEMS

Dräger OxygenTest 100

Dräger OxygenTest 100 is a portable measuring device for measuring the oxygen concentration in mixed gas cylinders.



ST-9729-2006

Dräger O₂ container

Dräger offers complete filling systems for compressed air, oxygen or mixed gas. These systems are built ready for use in your station, or portable for use in a container.



ST-134-2007

UNDERWATER TELEPHONE

Aquacom

The Aquacom through water communication systems provide a reliable wireless connection between divers and surface unit over long distances.



ST-133-2007

BREATHING GAS LOGISTIC

Dräger soda lime

Dräger DiveSorb pro enables long diving times thanks to the high level of CO₂ absorption. Designed especially for closed or semi-closed circuit breathing apparatuses. Available in 4.5 kg and 18 kg containers.



ST-448-2003

Dräger oxygen booster pump DOB-H

The Dräger Oxygen Booster DOB-H (manually operated) is an oxygen filling station for filling oxygen from storage cylinders PN 200 bar.



ST-6766-2006

PERSONAL DIVING EQUIPMENT

Dräger offers you everything from one source. Please let us know about any special requests and individual requirements and we will send you a customized offer.



ST-130-2007

Dräger Nitrox 200

Manually operated gas blender for mixing and filling of nitrox gases from oxygen and breathing air (up to a pressure of 200 bar). (Wall mounted unit)



ST-9728-2006

Dräger Nitrox 200 Navy

Manually operated gas blending unit for mixing and filling of nitrox gases from oxygen and breathing air (up to a pressure of 200 bar). (Portable unit)



ST-9727-2006



ST-135-2007

Trust your ability. And Dräger.

At Dräger it is our mission to support marine divers through the development of the most modern and safe diving technology.

Dräger developed the non magnetic mixed gas device such as FGT 5400 or the different versions of LAR 7000 especially for mine clearance divers.

These diving apparatus were developed through many years of experience gained in mine clearance diving.

The standard NATO mixtures B, C or D are used.

The apparatus are non-magnetic in accordance with STANAG 2897, Class A.

DIVING APPARATUS

Dräger FGT 5400

The FGT 5400 has been developed for mine clearance diving. The standard NATO mixtures B, C or D are used. The apparatus is non-magnetic in accordance with STANAG 2897, Class A.



ST-1544-2007

Dräger LAR 7000

The Dräger LAR 7000 is suitable for mine clearance diving. The unit can be switched from oxygen to mixed gas or vice versa during the dive.



ST-4-01-2008

Dräger LAR 7000

55 m Kit
With the 55 m Kit, the LAR 7000 can be used for water depths up to 55 m by means of a retrofit.



ST-4-01-2008

Dräger LAR VII Combi FA

The Dräger LAR VII Combi FA is a very versatile and compact diving apparatus for all facets of shallow water diving, including VSW – MCM diving and submarine lock-out as well as special operations diving. Both cylinders, oxygen and nitrox are mounted directly to the apparatus in front.



ST-15413-2008

CARRYING SYSTEMS

Dräger comfort harness

The comfort carrying vest enables the diving apparatus to be connected simply via quick-release buckles. The vest features leg and shoulder straps as well as a pouch for 2.7 and 4 Ltr. cylinders.



ST-8328-2006

LIFE PRESERVER

Dräger Shadow

The Dräger Shadow life preserver is a compact rescue and buoyancy control vest designed especially for Dräger LAR 5000 and LAR 7000. The Dräger Shadow life preserver has the ability to be inflated by single or dual high-pressure air cylinder or by a power-inflator.



ST-14790-2008

Dräger TSK 17 C

This double layer rescue and buoyancy control system features high buoyancy. The system is equipped with a Power Inflator. Pockets can be attached to the outer shell. The inner bladder functions as a life preserver.



ST-132-2007

FULL FACE MASKS

Dräger Panorama Nova Dive

The mask is provided with connections for the breathing apparatus, bail-out regulator and microphone. For closed and semi-closed rebreathers, it is fitted with an inner mouthpiece.



ST-2671-2004

CYLINDERS

Cylinders and valves

Cylinder options are available to match the operational requirements from 1.5 to 4 Ltr. cylinders. Also non-magnetic cylinders are available.



ST-5981-2004

PERSONAL DIVING EQUIPMENT

Dräger offers you everything from one source. It goes without saying that we also offer the suitable personal equipment accessories for all of your diving needs including magnetic signature needs.



ST-130-2007

BREATHING GAS LOGISTIC

Dräger DiveSorb pro

Dräger DiveSorb pro features a high CO₂ absorption capacity enabling long diving times, especially for closed or semi-closed circuit breathing apparatuses. Containers with a volume of 4.5 kg and 18 kg are available.



ST-4-48-2003

Dräger oxygen transfer pump DOB M/T

The Dräger Oxygen Booster DOB-M (mobile version) is an oxygen filling station for filling oxygen from storage cylinders PN 200 bar.



ST-9715-2008

Dräger Nitrox 200

Manually operated gas blender for mixing and filling of nitrox gases from oxygen and breathing air (up to a pressure of 200 bar). (Wall mounted unit)



ST-9728-2006

Dräger OxygenTest 100

Dräger OxygenTest 100 is a portable measuring device for measuring the oxygen concentration in mixed gas cylinders.



ST-9729-2006

Dräger O₂ container

Dräger offers complete filling systems for compressed air, oxygen or mixed gas. Ready to use in your station or for portable use in a container.



ST-134-2007

Dräger Nitrox 200 Navy

Manually operated gas blending unit for mixing and filling of nitrox gases from oxygen and breathing air (up to a pressure of 200 bar). (Portable unit)



ST-9727-2006



Descending to a depth of 100 meters in a lift.

Dräger has been further developing diving equipment for over 100 years. Gone are the days when all you needed was a wetsuit and a snorkel. Nowadays, modern diving relies on equipment such as decompression chambers, diving bells, deep-sea diving and offshore systems, equipment which Dräger develops and delivers throughout the world.

The first stage of planning any professional diving operation involves deciding on the appropriate decompression chamber. In an emergency situation, the diver must be provided with the possibility of recompression under dry conditions. Dräger has a wide range of solutions to meet the applicable statutory regulations and requirements.

Dräger TDS 1 is a stationary diving pressure chamber for the treatment of divers. However, it can also be used for diving training purposes or for conducting medical tests under controlled conditions.

Dräger SuperDUOCOM is a portable two-man rescue chamber for the immediate and fast recompression of a person and an assistant.

Offshore & deep-sea diving systems are used worldwide on ships equipped for diving operations and rigs. A complete deep-sea diving system includes submersible chambers, decompression chamber systems, operation and control equipment, a complete gas supply, winchers and lifting gear, as well as all the necessary equipment for the mission.

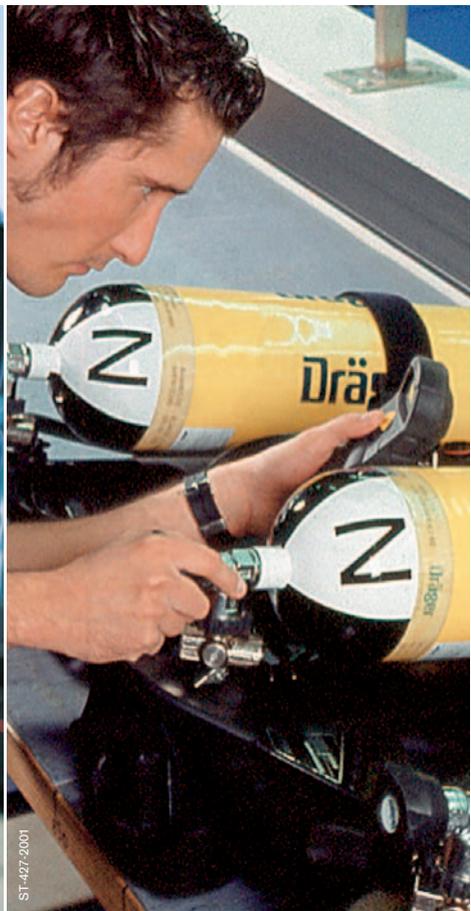
The Dräger wet bell system is a highly flexible air and mixed gas dive system. The unit consists of the following modules: dive and decompression control container, gas management container and handling system.



ET 2223 2003



ST-14-2009



ST-427-2001

Wherever you surface, we are there for you: the worldwide service of Dräger.

Even the best technology needs to be properly and regularly maintained to ensure that it is safe and adequate for its intended use. This preventative maintenance requires that certain wear parts are occasionally replaced before failure.

Safety comes first. As a customer of Dräger, you expect to receive all replacement parts within a short time. We supply spare parts through our worldwide sales and service network.

This includes for example, the technical support and delivery of spare parts for several years, comprehensive technical documentation, technical training courses at our Dräger Academy and a repair service as well as maintenance contracts for total service support.

You will appreciate, that we at Dräger leave nothing to chance, especially when it comes to your safety.



HEADQUARTERS:

Dräger Safety AG & Co. KGaA
Revalstrasse 1
23560 Lübeck, Germany

www.draeger.com

SUBSIDIARIES:**AUSTRALIA**

Draeger Safety Pacific Pty. Ltd.
Axxess Corporate Park
Unit 99, 45 Gilby Road
Mt. Waverley, Vic 3149
Tel +61 3 92 65 50 00
Fax +61 3 92 65 50 95

CANADA

Draeger Canada Ltd.
7555 Danbro Crescent
Mississauga, Ontario L5N 6P9
Tel +1 905 821 89 88
Fax +1 905 821 25 65

P. R. CHINA

Beijing Fortune Draeger
Safety Equipment Co., Ltd.
Yu An Lu A 22, B Area
Beijing Tianzhu Airport
Industrial Zone
Houshayu Shunyi District
Beijing 101300
Tel +86 10 80 49 80 00
Fax +86 10 80 49 80 05

FRANCE

Dräger Safety France SAS
3c route de la Fédération, BP 80141
67025 Strasbourg Cedex 1
Tel +33 3 88 40 59 29
Fax +33 3 88 40 76 67

MEXICO

Draeger Safety S.A. de C.V.
Av. Peñuelas No. 5
Bodega No. 37
Fraccionamiento Industrial
San Pedrito
Querétaro, Qro México
Tel +52 442 246-1113
Fax +52 442 246-1114

NETHERLANDS

Dräger Safety Nederland B.V.
Edisonstraat 53
2700 AH Zoetermeer
Tel +31 79 344 46 66
Fax +31 79 344 47 90

REP. OF SOUTH AFRICA

Dräger South Africa (Pty) Ltd.
P.O.Box 68601
Bryanston 2021
Tel +27 11 465 99 59
Fax +27 11 465 69 53

SINGAPORE

Draeger Safety Asia Pte. Ltd.
67 Ayer Rajah Crescent # 06 03
139950 Singapore
Tel +65 68 72 92 88
Fax +65 67 73 20 33

SPAIN

Draeger Safety Hispania S.A.
Calle Xaudaró 5
28034 Madrid
Tel +34 91 728 34 00
Fax +34 91 729 48 99

UNITED KINGDOM

Draeger Safety UK Ltd.
Blyth Riverside Business Park
Blyth, Northumberland NE24 4RG
Tel +44 1670 352-891
Fax +44 1670 356-266

USA

Draeger Safety, Inc.
101 Technology Drive
Pittsburgh, PA 15275
Tel +1 412 787 83 83
Fax +1 412 787 22 07