

Dräger Secor 7000 Diving Equipment and Systems

The diving regulator Dräger Secor 7000 was developed for the professional diver. The medium pressure hose can be attached to either side of the 2nd stage to ensure diver comfort. The Secor 7000 integrates perfectly with the Panorama Nova Dive full-face mask. The complete pneumatics can be individually configured by the diver.

First stage

- membrane-controlled
- supply pressure compensated
- no decline in airflow

Individual configuration

- Three high pressure (HP) ports and five medium pressure (MP) ports to connect all your need
- High flexibility in configuring the pneumatics



300 bar technology



Second stage

- downstream, balanced, and with integrated pressure relief valve
- hose connection on both sides
 - fits perfectly with the Dräger Panorama Nova Dive

Benefits

Professional Diving with the Dräger Secor 7000

The demands of professional diving are great and require a high level of flexibility and reliability from all system components. The Secor 7000 regulator, integrated with the open circuit diving system Dräger PSS® Dive and the full-face mask Dräger Panorama Nova Dive, was designed to optimally meet these demands. The combination of first and second stage enables the diver to breathe safely and comfortably, and is also designed for diving in cold water (2 °C to 40 °C / 35.6 °F to 104 °F).

The Pressure Reducer – High-Performance and Easy to Use

The first stage (pressure reducer) has three HP ports and five MP ports to give flexibility in configuration. The hoses can be custom-configured for the diver. The newly designed handwheel ensures a secure connection to the air tank. The first stage is completely black, supply-pressure-compensated, and diaphragm-controlled, which ensures air supply, even under extreme conditions.

The Second Stage Regulator – Secure and Comfortable

In order to achieve maximum flexibility, it is possible to connect the hose to the second stage regulator from either the left or right side. Cleaning is simple because the second stage can be opened without tools. The bubble deflector has been so positioned that the bubbles are directed away from the field of view. This applies whether the diver is using a half mask or a full-face mask.

Many Possible Configurations

Three high pressure (HP) ports and five medium pressure (MP) ports make every configuration possible: Pressure gauge, low pressure warning, computer transmitter, as well as two second stages, an inflator hose for the BCD and an inflator hose for a dry suit, for example.

Various Hoses

Various hose lengths in rubber or with flex material are available to satisfy every configuration and situation. Contact us for help deciding which hoses are best for you.

Connection for Either DIN or INT Air Tanks

We offer two variations: for DIN with an inlet pressure up to 4,351 PSI / 300 bar or for INT with an inlet pressure up to 3,365 PSI / 232 bar.

The outlet pressure (medium pressure) is between 127 PSI and 142 PSI / 8.8 bar and 9.8 bar so that an adequate airflow is provided even at greater depths.

Benefits

Our Service Offer

We offer an extra long service interval of two years.

You would like to perform service yourself? The Dräger Academy will offer a special training. In this training, you will learn how to service the regulator quickly and easily using special Secor 7000 service kits.

The Perfect Team – Secor 7000 and Panorama Nova Dive

The Secor 7000 was developed to harmonize perfectly with the Panorama Nova Dive. Fitting the 2nd stage to the mask is simple with the P-Con connection.

Details



Second stage with P-Con connection



Second stage opened for cleaning



Secor 7000 with Panorama Nova Dive

Accessories



ST-2704-2004

Pressure Gauge

Pressure gauge (0 to 5,801 PSI / 0 to 400 bar) with hose (31.50 in or 47.24 in / 80 cm or 120 cm).



D-10385-2016

Console

Console with pressure gauge (0 to 5,801 PSI / 0 to 400 bar), depth gauge (0 to 260 ft / 0 to 80 m) and compass.



D-12051-2016

Low Pressure Warning

The mechanical low-pressure warning is an active warning system according to EN 12628. As soon as the pressure drops below 50 bar (725 PSI), the diver is notified by a loud knocking sound and a vibrating sensation.



ST-2676-2004

Hoses

Various hose lengths for various air tank configurations (valves up or down).

Accessories



ST-2710-2004

Compressed Air Cylinders

Available in variations from 6 to 18 liters.

Services



D-2331-2016

Product Service

Our product service department supports you with a range of service packages – in our shops or on site in your plant. Care, servicing and maintenance are key factors when it comes to safety. Diligent maintenance and care is also absolutely necessary from an economics perspective. Preventive checks, service procedures and original replacement parts make your investment last longer.



D-2335-2016

Training

The Dräger Academy has imparted well-founded and practical knowledge for over 40 years. With over 110 authorized trainers and more than 600 available topics, we conduct more than 2,400 training sessions per year. We equip your employees with the knowledge required for real-life situations and ensure that the learned material can be recalled and applied reliably – in their everyday work and especially in stressful situations. To meet your needs, we are also happy to develop a customized training program specifically for you.

Related Products



ST-2671-2004

Dräger Panorama Nova Dive

The Panorama Nova Dive is based on a tried and tested mask body. Together with the 5-point harness it provides an excellent, tight fit.



ST-1609-2003

Dräger PSS Dive vfdB

The PSS Dive is a professional diving set with integrated weight pockets. It is easily configurable for one or two air tanks, includes a full-face mask, and fulfills the guidelines of the vfdB (Association for the Advancement of German Fire Protection).



ST-2717-2004

Dräger UT 402

The Dräger UT 402 is an underwater telephone that provides clear communication without interference between divers and surface controller.

Technical Data

Dräger Secor 7000

Water temperature	2 °C to 40 °C (35.6 °F to 104 °F)
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Pressure Gauge, 1st Stage, DIN

Inlet	Max. 300 bar / 4,351 PSI, Handwheel connection according to DIN EN 144 G 5/8
High pressure outlet	3 ports, 7/16-20 UNF, O-ring seal
Medium pressure outlet	5 ports, 3/8-24 UNF, O-ring seal, 8.8 to 9.8 bar / 127 to 142 PSI
Principle	Diaphragm-operated, supply-pressure-compensated
Material	Chrome-plated brass
Weight	785 g (1.73 lb)

Pressure Reducer, 1st Stage, INT

As before, except:	
Inlet	Max. 232 bar/3,364 PSI, with INT yoke adapter CGA 850
Weight	960 g (2.11 lb)

Lung demand valve, 2nd stage, mouthpiece

Principle	Downstream, balanced
Material mouthpiece, diaphragm, and exhalation valve	Silicone
Connection	3/8-24 UNF
Medium pressure hose	Various lengths for varying applications
Weight	230 g (0.51 lb)

Lung demand valve, 2nd stage, full-face mask

Principle	Downstream, balanced
Material Diaphragm and exhalation valve	Silicone
Connection	3/8-24 UNF
Medium pressure hose with coupling and pressure relief valve	Various lengths for varying applications
Weight	230 g (0.51 lb)

Ordering Information

Dräger Secor 7000	T54400
Pressure Gauge 0 – 400 bar, 31.50 inch / 0.80 m	T53701
Pressure Gauge 0 – 400 bar, 47.24 inch / 1.20 m	T53625
Dual Console With Pressure Gauge	T53703
Console With 3 Components (Complete)	T54301
Low Pressure Warning	T53615
Inflator Hose 47.24 inch / 1,2 m	T54042
Inflator Hose 30.7 inch / 0,78 m	T54186
Cylinder 6 L /300 bar, Mono	B10612
Cylinder Boot for 6 & 7 L Bottle	T51221
Cylinder 7 L /200 bar, Mono	T51213
Cylinder 7 L /200 bar, Dual	T51293
Cylinder 10 L /200 bar, Mono	T51262
Cylinder 10 L /200 bar, Dual	T51261

Ordering Information

Cylinder 12 L /200 bar, Mono	T51266
Cylinder 12 L /200 bar, Dual	T51264
Cylinder 12 L DIN/INT, 232 bar, mono valve 172 mm diameter, long cylinder	T90502
Cylinder 15 L DIN/INT, 232 bar, mono valve, 1 outlet, tank boot, white	T90504
Cylinder 18 L DIN/INT, 230 bar, mono valve, black	T90514
Panorama Nova Dive	T53510
Panorama Nova Dive Sport	T53700
Dräger PSS® Dive	T54500
UT 402	T54052
Telephone cable, 164 feet / 50 m	T54054
Telephone cable, 262.5 feet / 80 m	T54053
Earphone-Microphone for Diver	T54058
Receiver Pouch one pair, to attach receiver to Panorama Nova Dive mask	T54057

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