

Dräger Secor 7000 Diving Regulator

The Dräger Secor 7000 diving regulator was developed for the professional diver. To maximize comfort while diving, you can attach the medium pressure hose to either side of the second stage regulator. The Secor 7000 integrates perfectly with the Panorama Nova Dive full-face mask and is designed so that you can individually configure the complete pneumatics system.

First stage

- Diaphragm-controlled
- Supply pressure compensated
- No decline in airflow

Individual configuration

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



D-110382-2016

4,500 psi / 300 bar technology



D-110378-2016

Second stage

- Downstream, balanced, and has integrated pressure relief valve
- Hose connection on both sides
 - Perfectly integrated with the Dräger Panorama Nova Dive mask

Benefits

Specifically Designed for the Professional Diver

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 Dräger PSS® Dive open circuit diving system and the Dräger Panorama Nova Dive full-face mask, was designed to optimally meet these demands. The combination of first and second stage allows you to breathe safely and comfortably. The whole system is designed for diving in cold water (2 °C to 40 °C / 35.6 °F to 104 °F).

High Performance, Easy-to-Use Pressure Reducer

The first stage (pressure reducer) has three HP ports and five MP ports to give you configuration flexibility. You can custom-configure the hoses to meet your specific needs. The newly designed handwheel ensures a secure connection to the air tank. The all-black first stage is supply-pressure-compensated and diaphragm-controlled which ensures a constant supply of air, even under extreme conditions.

Secure and Comfortable Second Stage Regulator

For maximum flexibility, you can connect the hose to the second stage regulator from either the left or right side. Cleaning is simple because you can open the second stage without tools. The bubble deflector has been positioned so that the bubbles are directed away from your field of view -- whether you are using a half mask or a full-face mask.

Many Possible Configurations

Three high pressure (HP) ports and five medium pressure (MP) ports make virtually any configuration possible: For example, you can configure the system with a pressure gauge, low pressure warning, computer transmitter, two second stages, an inflator hose for the BCD, and an inflator hose for a dry suit.

Supports Various Hose Lengths

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

Connection for Either DIN or Yoke Cylinder Valves

We offer two variations: for DIN with an inlet pressure up to 4,500 PSI / 300 bar or for a yoke with an inlet pressure up to 3,000 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

Long Service Interval

The Dräger Secor 7000 only requires servicing every two years.

If you would like to perform your own service, you can receive special training through Dräger Academy. In this training, you will learn how to service the regulator quickly and easily using special Secor 7000 service kits.

Seamlessly Integrates with the Panorama Nova Dive Full-Face Mask

The Secor 7000 was developed to work perfectly with the Panorama Nova Dive. Fitting the second 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 5,000 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 5,000 PSI / 0 to 400 bar), depth gauge (0 to 230 ft / 0 to 80 m) and compass.



D-12051-2016

Low Pressure Warning

The mechanical low-pressure warning is an active warning system that complies with EN 12628. As soon as the pressure drops below 725 psi/50 bar, the diver is notified by a loud knocking sound and a vibrating sensation.



ST-2676-2004

Hoses

Diving hoses in various lengths and materials.

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-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 / 4,500 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/3,000 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 Configurator	T54400
Pressure Gauge 0 - 5,000 psi	T54059
Console With 3 Components (Complete)	T54568
Low Pressure Warning	T53615
Inflator Hose 30.7 inch / 0,78 m	T54186
Secor 7000 1st Stage w/yoke adapter	T54390
Secor 7000 DIN 1st Stage	T54410
Secor 7000 2nd Stage MP flex hose	T54558
Secor 7000 2nd Stage FFM flex hose	T54559
Secor 7000 2nd Stage Octopus MP flex hose	T54564
Secor 7000 2nd Stage FFM rubber hose	T54566
Secor 7000 2nd Stage MP rubber hose	T54565
Secor 7000 2nd Stage Octopus rubber hose	T54567
Panorama Nova Dive with Low Pressure Warning	T53510
Panorama Nova Dive Sport	T53700

Ordering Information

Dräger PSS® Dive Configurator	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	T54057
one pair, to attach receiver to Panorama Nova Dive mask	

Notes

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