

Dräger PSS® 3000 Self Contained Breathing Apparatus

The Dräger PSS® 3000 is a high performing breathing apparatus for firefighters. Combining comfort with exceptional pneumatic performance, it is designed for applications where simplicity and ease of use are key essentials. Lightweight yet robust, and easy to don, this advanced breathing apparatus provides dependable breathing protection.



Benefits

Light, robust and simple to use

Dräger PSS 3000 is one of the lightest self contained breathing apparatus carrying system available. We have applied the same advanced technology and design philosophy which was derived from our class leading range of short and extended duration professional breathing apparatus. The extremely durable carrying system features our ultra lightweight, high strength carbon composite carrying frame which exhibits outstanding thermal, impact and chemical resistance properties.

Suitable for use in all conditions easy and quick to don, the lightweight harness has been specially designed to retain its form over a wide range of environmental temperatures and conditions. Utilizing materials which have good chemical and abrasion resistance and also meet the heat and flame requirements of EN137:2006 (Type 2).

Proven air supply technology

Versatility is the foundation of the Dräger PSS series of products. The breathing apparatus PSS 3000 enables the wearer to benefit from leading edge breathing protection technology incorporating, the same advanced pneumatic system used in our class leading breathing apparatus.

Easy to maintain and service

Quick and uncomplicated to service, the breathing apparatus PSS 3000 incorporates a number of unique design features to ensure that downtime, and therefore costs, are kept to a minimum during maintenance. All the major components are simple and quick to remove and re-assemble. The harness is attached to the carrying frame by a single-piece retention method. In addition the first stage pressure reducer, integrated into the carrying frame for added protection, can be readily removed.

Options for every eventuality:

- Choice of lung demand valves
- Full FPS 7000 facemask configuration options
- Utilizing the proven PSS 7000 pressure reducer
- Electronic voice communications
- Dräger compressed air breathing cylinders
- Secondary supply hose connections for rescue and decontamination
- Available with Pneumatic gauge or electronic TX gauge and integrated PASS (Bodyguard 1500)

High performing, easy to use and with proven technology, the Dräger PSS 3000 guarantees a lifetime of dependable service whilst at the same time minimizing the costs of ownership.

Benefits

Enhanced carrying system

By utilising the state-of-the-art pressure mapping technology, we have developed a carrying system which follows the natural contours of the body and therefore provides improved stability and reduced back strain, stress and fatigue. The contoured carrying harness provides maximum comfort at both the shoulders and the waist, but optimizes load distribution comfortably and securely, in line with the body's centre of gravity. Despite this emphasis on wearing comfort, you can rest assured that we have not compromised on the choice of the most rugged and durable materials available, in order to minimize the impact of the most hostile of environments.

Integrated hoses

Both the medium pressure air supply and gauge hoses are integrated into the carrying-frame to reduce the risk of snagging and entanglement, which results in improved security and safety whilst entering and working in confined spaces. With the ability to re-route these hoses from one side to the other in order to suit customer preferences for gauge access, this design feature also facilitates the easy replacement of each hose.

System Components



D-13866-2010

Dräger FPS® 7000

The Dräger FPS® 7000 full-face mask series ensures high safety and wearing comfort. The modern design offers a large, optimised field of vision, while the availability of different sizes ensures the mask fits comfortably and securely. The full-face mask is available with different connections and wearing systems.

Accessories



D-36356-2021

Dräger Compressed Air Breathing Cylinders

Designed using leading technology and advanced materials, you can use our Dräger cylinders in any application where breathing protection is needed. We offer you a broad range, from carbon composite to steel cylinders. You especially benefit from their lightweight and Non-Limited Life (NLL) performance.



ST-149-2000

Dräger PSS® Lung Demand Valve (LDV)

Suitable for the most extreme applications whenever breathing apparatus has to be worn: with its compact and robust design, and excellent pneumatic performance, the Dräger PSS® Lung Demand Valve (LDV) will always deliver the air that you need.



D-4268-2010

LDV holder

Versatile LDV holder can be positioned on the Dräger PSS® and Dräger PAS® series to suit the requirements of the user, incorporating a simple to use secure connector, designed around the LDV.



ST-6184-2007

Airline Belt manifold with ASV

Fully automatic switching from external air to SCBA air and from SCBA air to external air. Provides an uninterrupted air supply to the wearer.

Accessories



ST-6183-2007

Secondary Supply Hose

The Dräger PSS AirBoss can be equipped with a range of secondary supply hoses for shoulder or waist mounting. Allowing firefighters to connect to airlines, supply breathing air to each other and victims.



ST-6201-2007

Dräger PSS® Rescue Hood

Fire fighters face some of the harshest conditions this world has to offer, and are expected to save others from these environments; the Dräger PSS® Rescue Hood is designed to help the professional save lives.



D-38263-2015

Dräger Bodyguard® 1000

Designed to protect life by alerting the team when a wearer becomes motionless or distressed, the Dräger Bodyguard® 1000 emits clear and distinctive signals and alarms to ensure quick and effective recognition, even in the worst environmental conditions.



D-57238-2012

Dräger Bodyguard® 1500

Dräger Bodyguard® 1500 is an automatic wireless PASS system which increases wearer safety in potentially hazardous situations. The system draws attention to colleagues in distress by generating distinctive visual and acoustic alert signals and features wireless data transmission from the pressure gauge to the PASS device.

Related Products



D-0915-2019

Dräger PSS® AirBoss

The Dräger PSS® AirBoss offers best in class ergonomics and is one of the lightest weight breathing apparatus for firefighting. Lessons learned from firefighters around the world as well as latest innovations in technology have led us to design an even safer and cleaner SCBA system to enable you to breathe more easily and for longer.



D-38071-2015

Dräger PSS® 4000

The Dräger PSS® 4000 is one of the lightest professional self-contained breathing apparatus for firefighters. Combining comfort with exceptional pneumatic performance, this SCBA is designed for applications where simplicity and ease of use are crucial. Lightweight yet robust, and easy to don, the PSS® 4000 provides outstanding breathing protection.

Technical Data

Dräger PSS® 3000 Pneumatic Gauge

Weight Kg (backplate & harness)	2.70
Dimensions mm (H x W x D)	590 x 290 x 160
Input pressure (bar)	0 – 300
Nominal 1st stage output pressure	7.5
1st stage output flow (l/min)	> 1000
LDV output flow (l/min)	> 400
Whistle activation pressure (bar)	50 – 60 bar
Whistle sound level (dBA)	> 90
ADSU main alarm	N/A

Approvals

Breathing Apparatus	EN 137 2006 Type 2
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Ordering Information

PSS® 3000 with gauge	33 57 794
PSS® 3000 fixed LDV with gauge	33 58 906
PSS® 3000 Chargair with gauge	33 58 657
PSS® 3000 with TX Gauge	33 60 984
PSS® 3000 TX Gauge fixed LDV	33 60 985
PSS® 3000 BG1500	33 60 987
PSS® 3000 BG1500 Fixed LDV	33 60 988
PSS® 3000 BG1500 Chargair	33 60 989
PSS® 3000 TX Gauge, Chargair	33 60 986
FPS® 7000 Facemask	on request

Plus lung demand valve (LDV)

Normal Demand (N)	33 50 501
Plug in (A)	33 38 700
M45 (AE)	33 38 706
ESA	33 51 302
Normal Demand (N) 1.75 m (rescue only)	33 50 606

Lung demand valve holder

N/ESA	33 57 526
AE	33 57 528
A	33 57 527
Dräger Cylinders	on request

Accessories

Second medium pressure combined connector	33 58 868
Secondary supply hose female	33 58 867
Secondary supply hose male	33 58 869
Automatic switch over valve (ASV)	on request
PSS® Rescue hood	33 54 982
Dräger Bodyguard® 1000	on request

Notes

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