

Dräger PSS® 3000 Self Contained Breathing Apparatus

The Dräger PSS 3000 is a new generation of 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 the ultimate in breathing protection.



Benefits

Light, robust and simple to use

Dräger PSS 3000 is one of the lightest self contained breathing apparatus carrying system to date. 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 new and innovative 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 the class leading breathing apparatus Dräger PSS 7000 – is the choice of pioneering Fire Departments worldwide.

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 an innovative 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 as used on PSS 5000 and PSS 7000 series of SCBA
- Utilizing the proven PSS 7000 pressure reducer as used on the PSS 5000 and PSS 7000 series of SCBA
- Electronic voice communications
- Steel or carbon composite 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 combining both new and proven innovative technology, the Dräger PSS 3000 guarantees a lifetime of dependable service whilst at the same time minimizing the costs of ownership.

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,

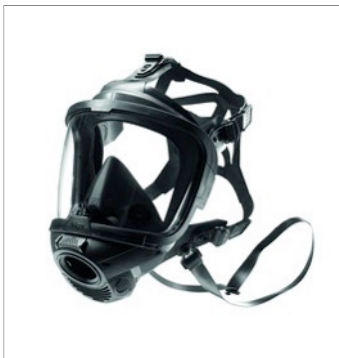
Benefits

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-13666-2010

Dräger FPS® 7000

The Dräger FPS® 7000 full-face mask series sets new standards in terms of safety and wearing comfort. Thanks to its enhanced ergonomics and the availability of multiple sizes, it offers a large, optimized field of vision and a very comfortable, secure fit.

System components

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.

ST-135-2000



Dräger Compressed Air Breathing Cylinders

Designed using leading technology and advanced materials, Dräger's range of Composite Cylinders can be used in any application where breathing becomes difficult or impossible.

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.

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.

System components

D-4268-2010



Dräger LDV holder

Accessories

ST-6184-2007



Airline Belt manifold with ASV

ST-3960-2005



Second medium pressure combined connector

Accessories

ST-3949-2005



Secondary supply hose

D-38263-2015

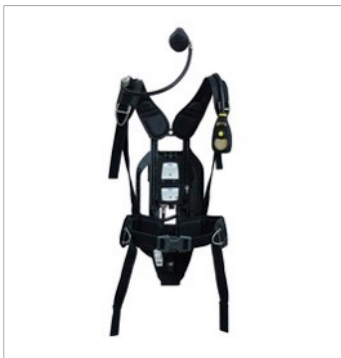


Dräger Bodyguard® 1000

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.

Related Products

ST-6147-2007

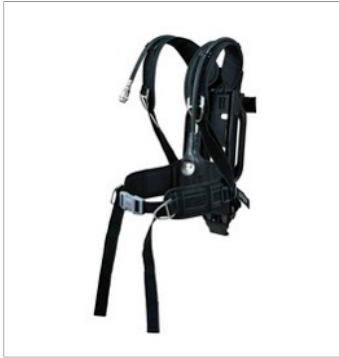


Dräger PSS® 7000

Developed by professionals for professionals, the Dräger PSS® 7000 breathing apparatus is a major milestone in our continuing development of breathing devices for the professional fire fighter.

Related Products

D-4266-2010



Dräger PSS® 5000

The Dräger PSS® 5000 SCBA is a high performance breathing apparatus for the professional firefighter. Combining advanced ergonomics with a wide range of configurable options the Dräger PSS® 5000 provides the user with the comfort and versatility to meet the demands of first responders whenever breathing protection is required.

Technical Data

Dräger PSS® 3000 Pneumatic Gauge

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|-----------------------------------|-----------------|
| 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

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|---------------------|--------------------|
| Breathing Apparatus | EN 137 2006 Type 2 |
|---------------------|--------------------|

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)

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|--|-----------|
| 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 |

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