



Dräger PSS® 3000

Pressluftapparat (SCBA)

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.

Highlights

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.

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.

Specifications

Key Facts

Application	Fire Fighting
Pivoting waist Belt	X
Sliding Waist Belt	X
Height Adjustment	X
Reflective Straps	X
Buddy lights	X

Monitoring System

Mechanical gauge	✓
Mechanical gauge with transmitting function	X
Digital gauge	X
Automatically activated PASS	X
Head Up Display (HUD)	X
Compatible with Dräger FireGround	X

Technical Data

Weight (backplate & harness)	5,95 lb
Input Pressure	0 - 300 bar

Lung Demand Valves

Lung Demand Valves	✓
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Compressed Air Cylinders

One Cylinder Configuration	✓
Two Cylinder Configuration	X
Twinpack Configuration	X

Full Face Masks

FPS 7000	✓
Panorama Nova	✓

Communication systems

FPS-5000-COM	✓
FPS-7000-COM	✓

Complementary products

PSS Safety Belt	X
QuickConnect	X
Additional medium pressure (rescue) hoses	✓ optional
Charge-Air connection	✓ optional

Approvals

EN 137:2006 (Type 2)	✓
GOST	X
Aus/NZ	X
NIOSH	✓
NFPA	X
EN 14593 Part 1	✓
SOLAS II-2	✓
MED	✓

Accessories



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.



Dräger Compressed Air Breathing Cylinders

- Compressed Air Breathing Cylinders are designed using leading technology and advanced materials
- For use in any application requiring breathing protection
- Offering lightweight and Non-Limited Life (NLL) performance



Dräger PSS Lung Demand Valve (LDV)

- Suitable for the most extreme applications whenever Breathing Apparatus has to be worn
- Compact and robust design, and excellent pneumatic performance



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.



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.

Connective Products



Dräger Bodyguard® 1000

- Automatic wireless PASS system alerts team if wearer is motionless or distressed
- Emits clear and distinctive signals and alarms
- Rugged design for use under demanding conditions



Dräger Bodyguard® 1500

- Automatic wireless PASS system alerts team if wearer is motionless or distressed
- Emits clear and distinctive signals and alarms
- Wireless data transmission from the pressure gauge to the PAS device



Dräger CPS 5800

- Limited-use protective suit for industrial applications
- Protection against gaseous, liquid or solid hazardous substances
- SCBA worn over the protective suit



Dräger CPS 5900

- Disposable, gas-tight suit
- Protection against a broad range of industrial chemicals as well as warfare agents
- SCBA worn inside the protective suit



Dräger CPS 6800

- Reusable, gas-tight suit
- Protection against cryogenic hazardous substances and low concentrations of acids and alkalis, e.g. in Confined spaces
- SCBA worn over the protective suit



Dräger CPS 6900

- SCBA worn inside the protective suit
- five suit sizes (S-XXL)
- side zipper for donning without assistance
- suit material Umex, reusable



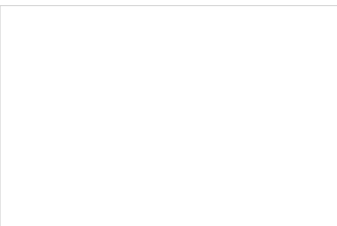
Dräger CPS 7800

- Reusable, gas-tight suit
- Protection against gaseous, liquid, aerosol, and solid hazardous substances - even in explosive areas
- SCBA worn over the protective suit



Dräger CPS 7900

- Reusable, gas-tight suit
- Protection against industrial chemicals, biological agents, and other toxic substances
- For work in explosive areas and handling cryogenic substances
- SCBA worn inside the protective suit



Dräger CPS 7900 olive, beige

- Reusable gas-tight suit for use in CBRN hazard situations
- Protection against industrial chemicals, biological agents, and others
- Suitable for civil emergency and disaster recovery missions, and decontamination work



Dräger FPS 7000

- Comfortable full face mask with different front port options
- Combinable with helmets, communication and respiratory systems
- Available in multiple sizes for a secure fit



Dräger Panorama Nova

- Full face mask protecting the respiratory tract and eyes
- Offers different thread connections: RA (Rd40), PE (M45x3), ESA or P Dräger plug-in connection
- EPDM or silicone mask body, triplex or PC visor



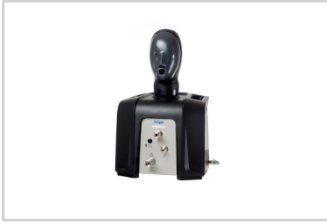
Dräger PSS® 4000

- Professional self-contained breathing apparatus for firefighting
- Offers comfort, stability, lightweight and advanced harness materials for extended wear



Dräger PSS® Rescue Hood

- Designed for life-saving operations
- Can be used with any breathing apparatus requiring a second medium pressure connection
- Lightweight and compact, making it easily accessible in emergencies



Dräger Quaestor 6000

- Performs semi-automatic static and dynamic tests
- Tests full-face masks, chemical protection suits, and compressed air breathing apparatus for functionality and leak tightness
- Intuitive user guidance of the software



Dräger Quaestor 8000

- Performs fully automatic static and dynamic tests
- Tests full-face masks, chemical protection suits, and compressed air breathing apparatus (others possible, if required) for functionality and leak tightness"



Dräger REGIS® 300

- Enables incident manager to monitor respiratory equipment wearers and their deployment time
- Simultaneously monitors up to three teams
- Easy to read displays with countdown timers

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