

## Dräger PSS® 5000 NFPA-Certified SCBA

Effective firefighting requires trusted breathing protection in the harshest environments. The Dräger PSS® 5000 provides the budget-conscious fire department with an ergonomically advanced SCBA. With a wide range of features – such as bi-lateral hose routing and cylinder Quick Connection – the PSS® 5000 meets the needs for today's complex fire grounds.

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### Tough Materials

Comprised of flame-resistant, abrasion resistant, and water-resistant materials

### Pivoting lumbar support waist belt

Allows free movement while holding the SCBA firmly in position

### Quick Connect cylinder attachment

Enables a secure change of cylinders in less than 10 seconds

### Sentinel 7000 digital monitor with integrated personal alert safety system (PASS)

Communicates wirelessly with HUD

### Optional Buddy Breather

Keeps an emergency breathing supply system within easy reach

D-5612-2019

## Benefits

### Proven technology combines comfort with performance

The Dräger PSS 5000 SCBA is designed to withstand the high wear and tear that firefighters face daily – while providing an enhanced level of comfort and functionality. Made of tough chloroprene rubber material and Aramid-blend webbing, the PSS 5000 harness is ideally suited for extended wear and frequent use.

The flexible harness connects to a lightweight, stable back plate, while the waist belt pivots to reduce pressure on the wearer.

### Integrated systems reduce risk and increase versatility

To minimize the risk of damage or snagging, the Dräger Sentinel 7000 electronic system and air-supply hoses are integrated into the backplate. To further streamline and reduce snag hazards, the lung-demand valve (LDV) - and Dräger Sentinel hoses are routed over the shoulders. Conventional waist-mounted hoses can also be fitted to the carrying system, making the Dräger PSS 5000 one of the most versatile SCBA systems available.

### Easy maintenance to lower cost of ownership

The following features keep Dräger PSS 5000 downtime and maintenance costs to a minimum:

- Innovative slide-and-lock mechanism for fast and easy harness assembly and disassembly
- Harness detaches from the backplate without the use of tools
- First stage reducer snap-fit connection allows pneumatics to be fitted or removed quickly and easily
- Hose clips push in and out to allow swift removal of hoses from the harness pads for cleaning
- Chemical-resistant harness and waist belt design prevent excessive water absorption and reduce cleaning and drying time
- Standard AA batteries, no manufacturer-required overhaul, and few replacement parts contribute to a lower total cost of ownership over the life of the SCBA

### Dräger Sentinel 7000—Real-time monitoring

Dräger Sentinel 7000—Real-time monitoring

The Sentinel 7000 electronic monitoring system provides options to satisfy the needs of any fire department. Incorporating a centralized power supply and pressure sensor module within the backplate, the robust system combines maximum component protection with balanced weight distribution for reduced physical stress.

Housed in impact-resistant, water-resistant casings, the Sentinel 7000 demonstrates excellent reliability on the fire ground.

An electronic gauge provides real-time monitoring of essential information, including:

- A personal alert safety system (PASS) device
- Intuitive push-button operation for ease of use



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## Benefits

- Configurable settings to suit individual preferences
- Data logging for improved post-incident analysis
- Accurate, continuously updated digital display of pressure and time to EOSTI activation (time based on dynamic breathing rate)
- Battery status display
- 360° visual and audible alarms triggered when the PASS is activated
- Automatic self-tests and system tests

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## System Components



ST-6303-2007

### Carbon Composite Cylinders

Made of proven aircraft-grade materials and fabricated by processes that far exceed industry norms, Dräger's line of robust cylinders offer a choice of capacity and pressure. Dräger also offers several colors along with the ability to customize each cylinder with the logo of a fire department or jurisdiction.



D-1684-2015

### Cylinder Quick-Connect

Allowing for quick and easy attachment of the cylinder to the backplate, the QuickConnect allows a firefighter to re-enter a fire much faster than with a conventional threaded connection.

## System Components



D-31085-2011.tif

### CGA Cylinder Connection

A compressed gas association (CGA) fitting is the standardized system for attaching the compressed gas cylinder to the regulator.



ST-9907-2006

### Dräger FPS® 7000 Head-up Display

One of the many benefits of the FPS® 7000 full-face mask is the head-up display (HUD) required by NFPA 1981. Always within the field of view the head-up display allows easy monitoring of the cylinder contents and battery status without any manual action by the wearer.



D-1756-2019

### Dräger FPS® 7000

The Dräger FPS® 7000 full-face mask sets the standard in safety, visibility, and comfort. Triple-sealing, the FPS 7000 comes in nine sizes and three shapes of the inner mask to ensure maximum protection by adapting to different head and face shapes.

## Services



D-18071-2016

### Dräger Service

With Dräger's service solutions, you get complete peace of mind and budget security knowing that your safety equipment is supported by the same team of experts that engineered it and is backed by more than 125 years of experience. You can rely on Dräger to keep the devices you depend on operating at peak performance and to always put the safety of your team first. That's the Dräger Service Advantage.

## Related Products



D-1034-2015

### Dräger PSS® 7000

Before you can protect the lives of others, you have to protect yourself. The Dräger PSS® 7000 self-contained breathing apparatus (SCBA) provides unmatched comfort, durability, and safety in the harshest environments. With unparalleled ergonomic performance, the PSS® 7000 combines trusted pneumatics, flexible fit, and cylinder Quick Connection, freeing the firefighter to concentrate on the task at hand.



D-8021-2016

### Dräger FPS®-COM 7000

The Dräger FPS®-COM 7000 provides standalone hands-free communication along with optional connection to tactical radios. Voice-activated, the FPS-COM 7000 provides full-duplex communication on one of seven user-selected channels. Up to 10 users per channel can be connected without using a tactical radio, which is especially ideal for special operations like hazardous materials response teams.

## Related Products



D-6585-2016

### Dräger FPS®-COM 5000

In an emergency, there is no time for misunderstanding. That's why Dräger developed the FPS-COM 5000 communication unit for NFPA-certified SCBAs. Designed to connect seamlessly to the Dräger FPS® 7000 full-face masks, this proven communication unit ensures clear communication through either a tactical voice amplifier or a radio – even in extreme conditions.



D-6342-2014

### Dräger C-C 550

This microphone/loudspeaker communications control unit connects standard tactical radios to the FPS®-COM 5000 and 7000 communication units and can also be used independently. For ease of use, the C-C550 includes two large push-to-talk buttons and a switch to transfer incoming signals to the speaker.



D-6332-2014

### Dräger C-C440

Communications control unit with large Push-To-Talk button for easy handling of the radio transmitter. Tough and robust design that's waterproof (IP67) in extreme environments (MIL-STD-810G). ATEX versions are available.



ST-1274-2008

### Dräger SCBA Storage Case

This durable case stores all SCBA components and accessories, while protecting them from the environment.

## Related Products



D:95095:2010

### Buddy Breather

The Buddy Breather, also known as the Universal Emergency Breathing Supply System (UEBSS), enables two firefighters to share a single source of air.

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## Technical Data

### Dräger PSS® 5000 with Dräger Sentinel 7000

Weight w/empty 45-min cylinder	24.8 lbs. (11.25 kg.)
Input pressure (psi)	Low-pressure, 2,216; high-pressure, 4,500
Nominal first stage output pressure (psi)	108
First stage output flow (L/min)	>1,000
LDV output flow (L/min)	>500
Whistle activation pressure (psi)	Low-pressure, 510; high-pressure, 1,215
Whistle sound level (dBA)	>90
ADSU main alarm (dBA)	>95
Approvals	NFPA 1981 & 1982, 2018 Edition

## Ordering Information

### Dräger PSS® 5000 Self Contained Breathing Apparatus

Dräger PSS® 5000 HP Quick Connect w/ Sentinel 7000 w/ LDV	40 50 033
Dräger PSS® 5000 LP Quick Connect w/ Sentinel 7000 w/ LDV	40 50 022
Dräger PSS® 5000 HP CGA w/ Sentinel 7000 w/ LDV	40 50 021
Dräger PSS® 5000 LP CGA w/ Sentinel 7000 w/ LDV	40 50 015

### Dräger FPS® 7000 Mask Accessories

Dräger FPS® 7000 Face Mask (Small)	R63090
Dräger FPS® 7000 Face Mask (Medium)	R63091
Dräger FPS® 7000 Face Mask (Large)	R63092
Dräger FPS® 7000 Head-Up Display (HUD)	33 56 234
Dräger FPS® 7000 Communications	On request

### Dräger PSS® 7000 Lung Demand Valve (LDV)

Dräger PSS® 7000 LDV – CBRN Rated and Approved	33 67 430
Locking LDV Holder	33 67 431

### Secondary Supply Hose and Airline Accessories

Second MP Connector Hose – Soulder RH – Female QRC	33 58 340
Second MP Connector Hose – Soulder LH – Female QRC	33 58 341
Dräger Universal Buddy Breather Pouch	33 67 467
Dräger Universal Buddy Breather 40" w/ Pouch	On request





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