

Dräger PSS® 5000 SCBA Self-Contained Breathing Apparatus

To be effective at fighting fires, you need breathing protection you can trust in the harshest environments. The Dräger PSS® 5000 is an ergonomically advanced SCBA that offers increased comfort, safety, and performance. With a wide range of configurable features—such as bi-lateral hose routing and quick cylinder connection—the PSS 5000 meets your needs wherever breathing protection is required.



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. The harness is made of a tough chloroprene rubber material that performs for the long term. A heavy-duty stainless steel buckle and long-life Aramid blend webbing make this harness ideally suited for extended wear and frequent use.

For outstanding comfort, the flexible harness connects to a lightweight, stable backplate, while a pivoting waist belt helps reduce pressure on the wearer.

The PSS 5000 SCBA offers:

- Outstanding resistance to heat, impact, and chemicals
- Easy maintenance and service
- Integrated, versatile hose routing
- Wide variety of system configurations and accessories
- Choice of electronic monitoring options: Dräger Sentinel 7000 or 1500

Integrated systems reduce risk and increase versatility

To minimize the risk of damage or snagging, the Dräger Sentinel 7000 or 1500 electronic system and air supply hoses are integrated into the backplate. To further streamline the harness, the lung demand valve (LDV), Dräger Sentinel system, and rescue hoses can be routed over the shoulders (two hoses per side). 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 batteries, no manufacturer-required overhaul, and few replacement parts contribute to a lower total cost of ownership over the life of the SCBA

Integrated safety systems monitor air supply time

Dräger understands that your department has specific requirements and budgets. That's why we offer modular Sentinel electronic monitoring systems that provide options to satisfy the needs of any department. Housed in impact- and water-resistant casings, these monitoring systems demonstrate excellent reliability in both laboratory testing and field use.

Each Dräger SCBA can be outfitted with a monitoring system that features:

- A PASS device
- Visual and audible warnings and alarms
- A streamlined design that reduces snag points
- Intuitive push-button operation for ease of use
- Configurable settings to suit individual preferences
- Data logging for improved post-incident analysis

Dräger Sentinel 7000—Real-time monitoring of key indicators

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.

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

- 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 PASS is activated
- Automatic self-tests and system tests
- Enhanced data logging with personal ID

Dräger Sentinel 1500*—Modular design to enhance firefighter safety

The Dräger Sentinel 1500 is a fully integrated, electronic signal and warning unit with a modular design that allows you to position the PASS device at your waist or shoulder, based on your preference.

With a trusted backlit pneumatic style transmitting gauge, the Sentinel 1500 increases personal safety because it:

- Sends a wakeup signal to the paired PASS device and HUD when the cylinder is opened, ensuring that the system is ready before you enter a hazardous zone
- Includes a configurable alarm that alerts you when absorbed temperatures reach a critical level
- Draws attention to a firefighter in distress by generating distinctive visual and audible alert signals
- Decreases snagging hazards by reducing the need for additional cables or wires

*Pending NFPA approval

Related Products

D-1342-2015



Dräger FPS® 7000

The Dräger FPS 7000 full face mask sets new standards in safety and comfort. A double sealing line and choice of three sizes ensure maximum protection by adapting to different head and face shapes.

D-1306-2015



Dräger FPS®-COM 7000*

The FPS-COM 7000 allows for hands-free communication between team members and enables communication with external radio units with the push of a button.

D-01400-2015



Dräger FPS®-COM 5000

Developed for use with the FPS 7000 full face mask, the FPS-COM 5000 is a fully integrated communication system for voice amplification that offers clear speech transmission to the surrounding environment, regardless how extreme the conditions.

D-9342-2014_C650_3



Dräger Com-Control 550

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

Related Products

D-8339-2014_C440



Dräger Com-Control 440

Using a simple push-to-talk button, the C-C440 connects FPS®-COM devices to a range of standard radio devices. Specially designed for deployments using chemical protective suits, this rugged design is built to IP67 standards.

Standard System Components

D-77890-2013



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, pressure, value, color and logo options.

D-1184-2015



Cylinder Quick Connect

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

Optional System Components

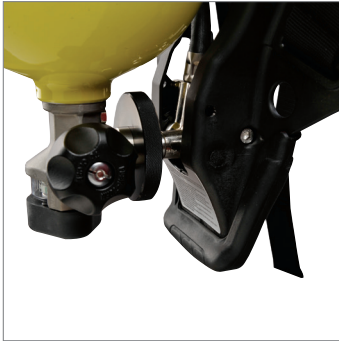
D-25025-2010



Buddy Breather

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

ST-1515-2003



CGA Cylinder Connection

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

ST-1274-2008



Dräger SCBA Storage Case

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

Technical Data

Dräger PSS® 5000 with Dräger Sentinel 7000

Weight w/empty 45-min cylinder (lbs.)	24.8
Input pressure (psi)	2,216–4,500
Nominal 1st stage output pressure (psi)	108
1st stage output flow (L/min)	>1,000
LDV output flow (L/min)	>500
Whistle activation pressure (psi)	510–1,215
Whistle sound level (dBA)	>90
ADSU main alarm (dBA)	>95
Approvals	NFPA 1981 & 1982-2013 Edition

Dräger PSS® 5000 with Dräger Sentinel 1500*

Weight w/empty 45-min cylinder (lbs.)	23.1
Input pressure (psi)	2,216–4,500
Nominal 1st stage output pressure (psi)	108
1st stage output flow (L/min)	>1,000
LDV output flow (L/min)	>500
Whistle activation pressure (psi)	510–1,215
Whistle sound level (dBA)	>90
ADSU main alarm (dBA)	>95
Approvals	NFPA 1981 & 1982-2013 Edition

Ordering Information

Dräger PSS® 5000 Self Contained Breathing Apparatus

Dräger PSS® 5000 HP Quick Connect w/ Sentinel 7000 w/ LDV	40 43 193
Dräger PSS® 5000 LP Quick Connect w/ Sentinel 7000 w/ LDV	40 43 195
Dräger PSS® 5000 HP CGA w/ Sentinel 7000 w/ LDV	40 43 189
Dräger PSS® 5000 LP CGA w/ Sentinel 7000 w/ LDV	40 43 191
Dräger PSS® 5000 HP Quick Connect w/ Sentinel 1500* w/ LDV	40 43 192
Dräger PSS® 5000 LP Quick Connect w/ Sentinel 1500* w/ LDV	40 43 194
Dräger PSS® 5000 HP CGA w/ Sentinel 1500* w/ LDV	40 43 188
Dräger PSS® 5000 LP CGA w/ Sentinel 1500* w/ LDV	40 43 190

Dräger FPS® 7000 Mask Accessories

Dräger FPS® 7000 EPDM Face Mask (Medium)	R61845
Dräger FPS® 7000 EPDM Face Mask (Small)	R61844
Dräger FPS® 7000 EPDM Face Mask (Large)	R61846
Dräger FPS® 7000 HUD	33 56 555
Dräger FPS® 7000 Communications	On request

* Pending NFPA approval

Ordering Information

Dräger PSS® 7000 Lung Demand Valve (LDV)	
Dräger PSS® 7000 LDV – CBRN Rated and Approved	33 62 613
Locking LDV Holder	33 57 527
Secondary Supply Hose and Airline Accessories	
2nd MP Connector Hose – Shoulder RH – Female – QRC	33 58 340
2nd MP Connector Hose – Shoulder LH – Female – QRC	33 58 341
Dräger Multilink Buddy Breather Pouch	33 61 277
Dräger Multilink Buddy Breather 20" w/ Pouch	On request
Dräger Multilink Buddy Breather 40" w/ Pouch	On request

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Dräger Service
With Dräger's service agreements, you get complete peace of mind and budget security, knowing that your equipment is supported by the same team of experts that engineered it and is backed by over 125 years of experience. You can rely on Dräger to keep the tools you depend on operating at peak performance. With the Dräger Service Advantage, you'll have a partner in safety who puts the well-being of your firefighters first.

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