Dräger SCBA systems: The right choice for every department

DRÄGER SCBA SOLUTIONS FOR FIREFIGHTERS AND RESPONDERS:
• CARRYING SYSTEMS
• MONITORING SYSTEMS
• FULL FACE MASKS
• COMMUNICATIONS SYSTEMS
• CYLINDERS

Dräger. Technology for Life®
As unique as the fires you fight
Every fire department—just like every firefighter—is unique. Your department has specific requirements and budgets, and your people have specific preferences.

That’s why Dräger offers a modular portfolio of SCBA components that lets you choose the particular combination of features that is right for your department. Designed to the highest standards for long-term performance, our SCBAs deliver a low total cost of ownership that fits almost any budget.

Dräger has supported firefighters in North America for more than 100 years, and our SCBAs reflect our uncompromising global commitment to the safety of firefighters. So regardless of the solution you choose, you will have equipment you can trust in the harshest environments.
Protecting you while you protect others

At Dräger, we believe that safety technology should make it possible for you to do your job more quickly, safely, and effectively. That’s why we make equipment that’s lightweight and comfortable, so you can cover more ground with less effort.

Backed by a 15-year bumper-to-bumper warranty, we make our SCBA equipment durable and easy to maintain, because we fully understand the brutally harsh environments that accompany your job. So, whatever SCBA equipment you need—face masks, carrying systems, monitoring or communications systems—Dräger has the technology, functionality, and price to protect your life while you are protecting the lives of others.
Our SCBAs are designed to be worn on the hip, not shoulder, to give you maximum flexibility while crawling and climbing. This design distributes weight to your body’s core, resulting in a lower center of gravity that increases your stability and balance. This flexibility allows you to work more effectively and with less fatigue.

**Durable materials that can stand the heat—and the test of time**

The Dräger PSS 5000 and PSS 7000 carrying systems are built for extended wear and frequent use. Key features include:

- Aramid-blend webbing for long-lasting wear
- Advanced compression-molded comfort padding for outstanding high-temperature performance and wear-resistance
- Vulcanized chloroprene rubber for a high-grip, anti-slide outer surface that keeps the harness securely in position
- Cooling channels in shoulder and waist pads to reduce the likelihood of compression burns
- Stainless-steel harness-friction buckle for fast donning and doffing
- Slide-and-lock mechanism for quick connection/removal of the harness and waist pad to the backplate, without tools
- First-stage reducer snap-fit connection for fast and easy fitting and removal of pneumatics
- Closed, single-piece construction harness and waist pads to prevent excessive water absorption and reduce cleaning and drying time
- Supply hoses that are neatly integrated into the backplate to minimize the risk of snagging and damage

**Dräger Carrying Systems**

Work longer with less fatigue
Dräger PSS® 7000
Highest levels of comfort and customization in the harshest environments

Reflective, luminescent shoulder straps
Reduce potential snag points and enhance the ability to be seen in the darkest situations

3-point height-adjustable backplate
Customizes the SCBA to fit each firefighter, enabling greater range of movement

Pivoting and sliding waist belt
Enables a free range of motion while holding the SCBA firmly in position

Dräger PSS® 5000
Ergonomic design for safe, comfortable performance

Bi-lateral routing option
Bi-lateral routing of the LDV, gauge, and rescue hoses over either shoulder for a streamlined, customized fit

Pivoting waist belt
Flexible design ensures maximum mobility, even in the tightest spaces
Dräger Monitoring Systems

Dräger Sentinel electronic monitoring systems combine decades of manufacturing experience with in-depth input from firefighters in North America. The result is a complete line of fully integrated, personal alert safety systems (PASS) that you can configure to satisfy the needs of your department. Housed in impact-resistant, waterproof casing, these monitoring systems have demonstrated excellent repeatability and reliability in laboratory tests and field use over the years.

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 1500*

Modular design enhances firefighter safety

The Dräger Sentinel 1500 is a fully integrated, electronic signal and warning unit that features a wireless heads up display (HUD) and PASS device. Its modular design lets you position the PASS device at either your waist or shoulder, based on your preference.

The Sentinel 1500 also helps increase your safety by:

– Sending 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
– Including a configurable thermal alarm that alerts you when absorbed temperatures reach a critical level
– Drawing attention to a firefighter in distress by generating distinctive visual and audible alert signals
– Reducing the need for additional cables or wires that can create snagging hazards

*Pending NFPA approval
Dräger Sentinel 7000

Real-time monitoring of key indicators

The proven design of the Sentinel 7000 incorporates a centralized power supply and pressure sensor module within the backplate. This robust system combines maximum component protection with balanced weight distribution to reduce stress on the wearer.

The Sentinel 7000 features an electronic gauge for real-time monitoring of essential information, including:
- Accurate, continuously updated display of pressure and time to EOSTI activation
- Digital and analog display of cylinder pressure
- Battery status display
- 360° visual and audible alarms
- Automatic self-tests and system tests
- Enhanced data logging with personal ID

Standard Pneumatic System**

Lightweight and easily upgradable

This fire-service-quality unit contains no electronic signaling or warning systems. The Standard Pneumatic System configuration lets you experience the lightest SCBA imaginable, while reaping the benefits of a Dräger carrying system. This system is an ideal choice for civil defense workers and hazmat operators.

As an option, you can add a standalone, manually activated PASS device that offers:
- Visual and audible warnings and alarms
- Intuitive push-button operation
- Configurable settings, including thermal alarm, to suit individual preferences
- Data logging for improved post-incident analysis

**Pending NIOSH approval
The right choice for your department

Dräger FPS® 7000 Full Face Mask

Unobstructed field of view

Key features include:
– A polycarbonate visor with a tough anti-scratch coating for maximized distortion-free field of vision
– A one-way valve that distributes air evenly over the visor to prevent fogging and cross-contamination in the lung demand valve (LDV)
– A mechanical speech diaphragm for extraordinary sound clarity
– An EPDM rubber body that provides an excellent facial seal and outstanding comfort
– Triple-sealing edges that follow facial contours
– Three sizes (including face mask and inner mask) to fit everyone in your department
– Quick-donning head harness that conforms to the shape of the head for excellent comfort and fit

Dräger HUD system delivers key information
Positioned inside the FPS 7000 Face Mask for maximum protection and performance, the HUD provides cylinder content information and monitoring system alert warnings, as well as buddy lights that allow others to read the HUD in an RIT situation. Waterproof, wireless, robust, and reliable, the HUD can be installed in seconds.
Dräger FPS-COM 5000

Crystal clear communication

Developed for use with the FPS 7000 Full Face Mask, the FPS-COM 5000 is a fully integrated communication system for voice amplification that transmits speech clearly to the surrounding environment—no matter how extreme the conditions. Digital noise-reduction technology eliminates breathing sounds and ambient noises for enhanced message clarity.

Key features include:
- Automatic shutoff after 10 minutes when no breathing sounds are heard to extend battery life and lower maintenance costs
- Click-lock system for easy attachment and removal
- Waterproof design (IP67-rated against water and humidity) so the face mask can be cleaned without removal
- Connection to various communication radios and lapel microphones/push-to-talk units

Dräger FPS-COM 7000*

Hands-free team communication

The FPS-COM 7000 provides hands-free communication among team members as well as communication with external radio units with the push of a button. Tactical radios can be connected via cable or Bluetooth. Excellent voice quality is achieved by removing all interfering noise. With clear and loud communication, instructions can be shared efficiently and operations can be conducted safely.

Key features include:
- Connection to various communication radios and lapel microphones/push-to-talk units
- Bluetooth connection to selected radios, including Motorola APX™
- Full duplex team communication for improved team coordination and transmission of key information
- Two-amplifier system for omni-directional sound
- Voice activation for hands-free communication
- Speaker that points in the direction the user faces for improved clarity
- Flush mounted speaker to reduce snag hazard

Options for enhanced communication

C-C550 lapel microphone/ loudspeaker unit
State-of-the-art, integrated microphone and speaker unit that can be used independently of FPS-COM systems

C-C440 push-to-talk unit
Easy-to-use push-to-talk button connects FPS-COM units to a range of standard radio devices

*Pending NFPA approval
Dräger Carbon Composite Cylinders

Customizable to your department

Dräger’s line of robust cylinders are made of proven aircraft-grade materials and fabricated by processes that far exceed industry norms. These easy-to-use cylinders provide a number of performance and safety benefits—including extended durability, superior chemical and corrosion resistance, increased strength, and superior flame resistance—while maintaining their low weight.

THREE CAPACITY OPTIONS
– 30 minutes
– 45 minutes
– 60 minutes

TWO PRESSURE OPTIONS
– 4500 PSI
– 2216 PSI (30 minutes only)

THREE COLOR OPTIONS
– Carbon wrap with clear coat
– Dräger blue (4500 PSI only)
– Yellow (2216 PSI only)
– Custom color and logo options also available

TWO VALVE OPTIONS
– Standard cylinder valve
– Locking cylinder valve

Dräger RIT LifeGuard II

Quick air transfer in emergencies

When everything at the fire scene becomes chaotic, rapid intervention teams (RITs) need to remain calm and focused—especially the person in charge of the air supply. Designed with input from the fire service community, the RIT LifeGuard II emergency air supply ensures fast and easy air transfer to a downed firefighter or victim.

Key features include:
– Single flap provides access to everything you need to perform a rescue
– Slim profile with an ergonomic design that resists snags
– Separate compartment protects face piece
– Accomodates 45- or 60-minute cylinders
– Easy-to-clean, durable, fire-resistant bag withstands harsh environments
Dräger Service Advantage

In addition to the standard 15 year warranty, Dräger offers optional Service Advantage agreements. These agreements provide 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 both Dräger Service Advantage agreements, you’ll have a partner in safety who puts the well-being of your firefighters first.

DRÄGER SERVICE TOTAL CARE
Dräger Service Total Care provides complete peace of mind and budget security that include annual inspections, corrective repair and preventive maintenance according to Dräger OEM specifications. Service includes corrective repair and maintenance parts and labor, annual flow test and compliance documentation. Standard 3 and 5 year service contracts can be customized to fit your needs.

DRÄGER SERVICE PREVENTIVE CARE
To help protect your investment, Dräger Service Preventive Care includes annual inspections and preventive maintenance of equipment according to Dräger OEM specifications. Recommended parts and labor are covered, including annual flow test and compliance documentation. Standard service contracts can be customized to fit your needs.

Available contract options for both agreements:
- Onsite service
- Mask deep clean/disinfection
- Hydrostatic testing and certification
- Fit testing
- Additional services as needed
Configure your ideal Dräger solution

**DESIGN YOUR OWN SCBA SYSTEM**
Dräger offers a myriad of options that enable you to build a custom SCBA solution for your department. Regardless of the configuration, your SCBA will deliver outstanding value. That's because Dräger equipment is designed to require less maintenance than other products and provides a lower cost of ownership over the lifetime of your SCBA.

**CHECK OUT OUR ONLINE SCBA CONFIGURATOR**
To build a custom Dräger SCBA solution for your department, go to [www.draeger.com/PSSseries](http://www.draeger.com/PSSseries).

Or call 1-800-4DRAEGER (1-800-437-2437) for a price quote and/or product demonstration.

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### FEATURES

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<th>PSS® 5000 Standard**</th>
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*Pending NFPA approval

**Pending NIOSH approval
Dräger offers a complete fire safety portfolio

Discover Dräger’s other safety solutions

While Dräger is one of the world’s largest manufacturers of SCBA systems, we also understand that your department needs more than SCBAs. That’s why we provide a wide spectrum of safety products that work together to protect firefighters on the job.

All Dräger equipment is designed to require less maintenance than other products—while offering excellent value and a lower total cost of ownership over the life of the product.

To learn more about these and other Dräger safety products, please visit www.draeger.com.

Why Dräger?
For more than 100 years, Dräger has worked with municipal and industrial fire departments.

As a result, we can support you in all phases of firefighting:
- Pre-incident: engineered training systems, training curriculums, and maintenance solutions
- During the incident: respiratory and personal protection equipment, gas detection, and tools to aid in rescue and tactical decision making
- Post-incident: thermal imaging cameras, Dräger Service Total Care and Preventative Care programs

Dräger NFPA-certified thermal imaging cameras help you quickly locate the seat of fires, hidden spots, and fire victims.

Dräger gas detection monitors provide critical information on air quality, such as HCN/O2, and potentially explosive situations.

Dräger maintenance systems give you an easy way to test your SCBAs to make sure they are functioning properly.

Dräger fire training systems—both Class A and propane-fueled—help firefighters learn how to use their equipment in a controlled, repeatable environment.

Dräger training gallery maze systems build the confidence and agility of firefighters while wearing full PPE, including SCBA systems.