



ST 9330-2006

SAFETY THAT IS MADE TO MEASURE.

DRÄGER FPS 7000 FULL FACE MASK AND
DRÄGER PSS 7000 COMPRESSED AIR BREATHING APPARATUS SERIES.

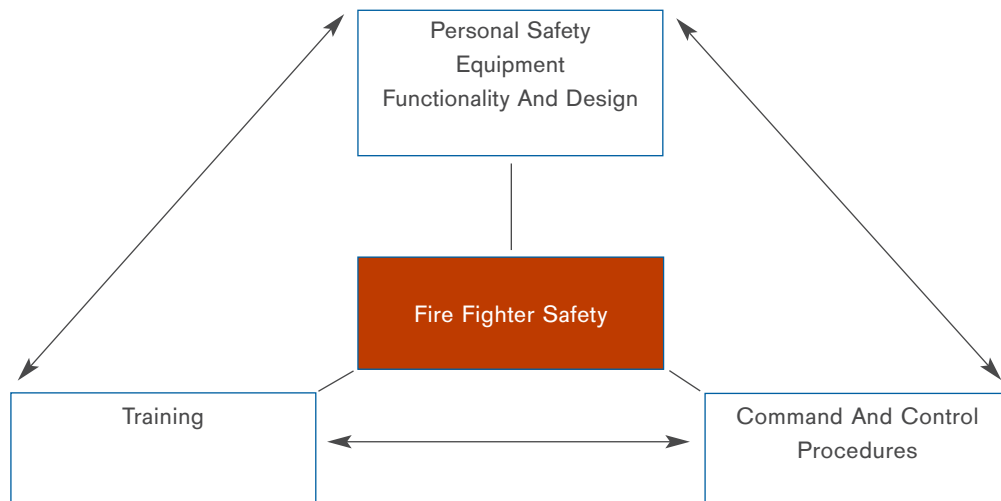
DETECTION
PERSONAL PROTECTION
DIVING TECHNOLOGY
SYSTEM TECHNOLOGY
SERVICES

Drägersafety

Safety is no coincidence.

OPERATIONAL FIREFIGHTING DRÄGER SAFETY HAS DEVELOPED A REVOLUTIONARY SYSTEM FOR EXACTLY THESE DEMANDS, PRESENTING A COMPLETELY NEW DIMENSION IN PERSONAL PROTECTION EQUIPMENT.

HARDLY ANY OTHER PROFESSION REQUIRES SUCH SPECIALIZED EQUIPMENT AND TRAINING TO CARRY OUT YOUR DAILY DUTIES, SAFELY AND EFFECTIVELY.



You cannot take a leap of faith when it comes to your safety, you have to be sure. Dräger Safety is the market leader in personal protection equipment. Over a century of experience and a philosophy of involving our customers throughout the development process are two key factors in the Dräger Safety success story.

We understand that personal protection, comprehensive training and effective command and control procedures are the fundamental cornerstones in any fire fighting organization. Dräger's commitment to you, the firefighter, is to ensure that the personal safety system we deliver addresses all of these factors.

Personal Protection Equipment

The Dräger FPS 7000 full face mask and the Dräger PSS 7000 compressed air breathing apparatus can be combined into a pioneering, total solution offering you maximum protection. Our technology goes the extra mile so that you can fulfill all you need to, in any situation and can do so while benefiting from maximum wearing comfort and ease of movement. Having full confidence, without any concerns allows you to focus on the task in hand.

Command and Control Procedures

Combined with the DrägerMan Bodyguard II, the DrägerMan PSS® Merlin entry control board facilitates and supports effective command and control procedures as part of a telemetric monitoring and

communication system.

Effective Training

Dräger Safety offers a comprehensive range of training packages which can be tailored to your specific needs.

A Dräger Safety system solution combining technology and training follows a simple guiding principle — Although the environment may be unexpected and uncontrolled, the risk to you can be significantly reduced through effective training and preparedness. No matter where a threat may originate and where it takes form: technology must be prepared for this event and withstand it. And not through coincidence, either. Safety is no coincidence.



Effective protection which is inconspicuous.

NO DISTRACTIONS, NO IMPAIRMENT – SO YOU CAN TEND TO WHAT'S IMPORTANT. THAT IS A MARK OF EXCELLENCE IN SAFETY EQUIPMENT. IT IS THE EQUIPMENT'S TASK TO PROTECT YOU, WITHOUT IMPAIRING YOUR ACTIONS, ALLOWING YOU TO FOCUS COMPLETELY ON YOUR JOB.



ST-9475-2006

Dräger FPS 7000
with P-connector

The fit of the Dräger FPS 7000 is second to none. It does not have any hardbody around the chin and cheek areas, allowing optimal fit for various face shapes. Three different sizes for the mask body and inner mask give a perfectly snug, comfortable and secure seal for all facial types.

All mask sizes are also designed to keep the wearer's eyes in the centre of the visor, guaranteeing a very close approximation of a normal field of vision. An innovative, optical correction procedure keeps visual distortions from occurring.

The range of connector options are one of the strengths of the Dräger FPS 7000. Whether operated under negative pressure, positive pressure or as part of a closed circuit breathing apparatus unit, we have the right connector for you.

The Dräger FPS 7000 not only adapts perfectly to fit wearers but also accommodates to fit your existing equipment as well.

The Dräger FPS 7000 demonstrates the same flexibility when combined with head protection systems. The Dräger FPS 7000 can be configured with a head harness, hair net or helmet adaptor to suit individual application or preferences.

A newly developed and patented helmet adaptor allows the mask to be connected directly to the Dräger HPS 6100 integrated helmet. The Dräger HPS 6200 integrated helmet includes an optional two-point connection which prevents inadvertent facemask release.

No matter what configuration, the Dräger FPS 7000 will provide you with a snug, safe fit so you can get on with your job.

Dräger FPS 7000: The New Face of Fire Fighting

Double facemask seal:

Double facemask seal: Inner sealing line combined with an external sealing surface for highest safety.

Inner mask:

Available in different sizes.

Connector:

Different connector variations with backward compatibility to existing systems.



ST-9475-2006

Harness:

Ergonomically shaped and easy to lock in place.

Visor:

Made of very durable polycarbonate, e.g., with anti-scratch coating.

Mask body:

Ergonomically shaped and available in three sizes.

Dräger FPS-COM: Clear words in any situation.



Speech amplifier:

The two integrated loudspeakers ensure that everyone in the immediate surroundings can understand you.

Loudspeakers:

On the side of the mask it offers the wearer clear sound.

Microphone:

This facilitates optimal voice recognition in the area of the speech diaphragm.

PTT on the mask:

As an integrated option the push-to-talk (PTT) is easily accessible in the lower region of the mask.

Cable to the standard PTT:

This cable connects the mask with your standard PTT or connects a mask with integrated PTT to your standard radio.

ST 9507 2006

Excellent communication with face mask.



ST 0639-2006

DRÄGER'S FPS-COM IS THE FIRST FULLY-INTEGRATED MASK COMMUNICATION SYSTEM. CHOOSE THE CONFIGURATION THAT BEST SUITS YOUR NEEDS.

The Dräger FPS-COM is a modular system which can be configured to suit your needs. You can order any part of the system, depending on your requirements.

The new Dräger FPS-COM system integrates standard radio communication systems. Or do you want to equip your mask with a voice amplifier so that you can be better understood under loud conditions? No problem, you simply order the speech amplifier as a single module. If you want, you can also have the system to include the PTT module integrated in the mask or as a separate component. The choice is yours.

The system draws power from conventional 9 V batteries.

In addition, it has been designed to allow the clearest possible voice signal with no interference from ambient noise.

Of course, the Dräger FPS-COM operates easily in conjunction with many existing radio devices.

Assembly, cleaning and disinfection are also easy and uncomplicated.

The mask has a new face.



You will always have a clear view with the Dräger FPS 7000 full face mask. The distortion-free polycarbonate visor gives wearers a very large, panoramic field of vision.

A sophisticated air circulation system effectively prevents the mask visor from fogging.

Thanks to its ergonomic head harness and double-layer face seal wearers will have a perfectly snug and comfortable fit, even for different face shapes. With the Dräger HPS 6200 firefighter helmet donning and removal is that much easier, quicker and safer thanks to the helmet adaptor. This helmet's special safety locks prevent accidental opening of the adaptor. Communication and information are valuable allies during an emergency incident. The newly developed Dräger FPS-COM can be fully integrated within the mask without any detriment to the mask's ergonomics.



ST-954-2006

Dräger PSS 7000 compressed air breathing apparatus and Dräger FPS 7000 full face mask — a perfect blend of technology and ergonomics.

IN THE SAME WAY THAT YOUR TEAM HAS TO OPERATE EFFICIENTLY WITH EACH AND EVERY ACTION PERFECTLY COORDINATED THE DRÄGER PSS 7000 AND DRÄGER FPS 7000 SYSTEM COMBINATION DISPLAYS THE SAME TEAMWORKING CHARACTERISTICS. IN AN EMERGENCY, YOUR TEAM AND YOUR EQUIPMENT COULD SAVE YOUR LIFE.

Developed by professionals for professionals — the new Dräger PSS 7000 is a major advance in the evolution of respiratory protective devices for fire-fighting and rescue personnel.

A key performance feature of a respiratory protective device is the degree of reliability and safety it offers to the person wearing it during an incident.

In order to satisfy the wide range of tasks and application requirements, the Dräger PSS 7000 is easily configurable for many different areas of use.

In addition, the compressed air breathing apparatus can be seamlessly integrated within the Dräger FPS 7000, DrägerMan PSS® Merlin and Dräger HPS 6200 systems. All component parts form an effective personal protection system of the highest quality.

The Dräger FPS 7000 and Dräger PSS 7000 compressed air breathing apparatus work as a team. Together they offer you a level of safety and comfort which breaks new ground in the area of protective equipment.

The Dräger PSS 7000 compressed air breathing apparatus: High-tech for highest safety demands.

Hose sleeves on shoulder harness for added hose protection and reduced snagging potential and with reflective material for increased visibility in poor lighting conditions.

Robust heavy duty stainless steel buckles ensure long life and ease of operation.

Large built in carrying handles.

First stage reducer with quick-release-mechanism for easy Maintenance.

New padding material: high wear resistance ensures long life, high grip prevents slipping off the shoulders and keeps set secured to the body.

Easy to adjust 3-point height adjustment.

Lightweight high strength carbon composite back plate

Integrated hose channels eliminate snagging and provide better protection.

Sliding and swiveling waist belt with new spring mechanism ensuring correct position on the body during donning.

Shoulder pads and waist belt feature new quick release mechanism for easy maintenance. Quick assembly and disassembly of the set ensure quick turnaround times in the workshop and easy cleaning.



ST-5965-2006



A host of innovations, one objective.

HAVING FULL CONFIDENCE, WITHOUT ANY CONCERNS ALLOWS YOU TO FOCUS ON THE TASK IN HAND. OUR TECHNOLOGY GOES THE EXTRA MILE SO THAT YOU CAN FULFILL ALL YOU NEED TO, IN ANY SITUATION COMBINING MAXIMUM WEARING COMFORT AND EASE OF MOVEMENT.

The ergonomic design is yet another milestone in allowing fire-fighting personnel to work safely and effectively with minimal strain.

The new carrying system is an important feature of the Dräger PSS 7000. Easy height adjustment of the shoulder yoke allows users to select positioning just the way they want it. The pivoting and sliding waist belt provides maximum freedom of movement.

Moulded comfort padding combines high temperature performance with exceptional wear resistance. Its excellent grip and non-slip surface ensures that the harness strap stays in position and the device remains firmly on the wearer's body.

The medium pressure and high pressure hoses are integrated into channels in the backplate. This feature prevents entanglement while in use or when donning, doffing or removing the equipment.

Large integrated carrying handles for easy carrying also serve as grip anchor points for tracking fellow team members when vision is impaired during an incident.

Dräger PSS 7000 design incorporates special quick-release mechanisms which facilitate quick and simple setup and disassembly of all larger parts such as the waistbelt and shoulder strap and first stage pressure reducer, significantly reducing downtime and simplifying service and maintenance.

Any system is only as strong as its components.

THE DRÄGER FPS 7000 AND DRÄGER PSS 7000 ARE DESIGNED FOR EACH OTHER. THE DRÄGER PSS 7000 AND DRÄGER FPS 7000 WORK TOGETHER TO PROVIDE A BREATHING APPARATUS SYSTEM WITH EXCEPTIONAL ERGONOMICS. THE MODULAR CONCEPT INCLUDES A RANGE OF ACCESSORIES AND UPGRADES WHICH ALLOW YOU TO CONFIGURE TO YOUR SPECIFIC NEEDS.

The Dräger FPS 7000 in conjunction with the new Dräger HPS 6200 integrated helmet includes an optional two-point connection which prevents accidental opening. The innovative Dräger FPS-COM is an innovative easy-to-integrate PTT (push-to-talk) option which improves communication and seamlessly integrates with the Dräger FPS 7000 face mask. Additionally the Dräger FPS 7000 can be equipped with a wireless Head-Up display, which displays the residual pressure directly in the mask.

Information such as current cylinder pressure, time remaining, pressure alerts and automatic distress signals are provided by the fully electronic Dräger Bodyguard II signal and warning unit.

Dräger Bodyguard II is a key system component of the DrägerMan PSS® Merlin telemetry monitoring system. All vital data is communicated via the IR interface and

transmitted by a special telemetry radio to the DrägerMan PSS® Merlin entry control board.

The DrägerMan PSS® Merlin system always keeps the incident commander informed as the incident unfolds. No matter if it's the status of equipment or of team members — Merlin makes it visible.

The Dräger PSS 7000 accepts a wide range of cylinder sizes and configurations to suit the required application. A second lung demand valve can be easily connected to an optional second medium pressure hose at the waist. All system components are integrated to provide you with a state of the art personal protection system second to none.

System Solutions of Dräger FPS 7000 and Dräger PSS 7000.

Helmets

ST-9402-2006



Dräger HPS 6200

With the newly developed adapter, it is possible to connect the Dräger FPS 7000 directly to the Dräger HPS 6200 helmet.

Electronic Monitoring

ST-357-2001



DrägerMan Bodyguard II

Electronic signal and warning device with datalogging.

Communication systems

ST-347-2004



Dräger C-C 500 PTT

Push to talk accessory for use in conjunction with the Dräger FPS-Com and Dräger FPS 7000.

Entry Control Monitoring

ST-2406-2003



DrägerMan PSS® Merlin

Fully automatic telemetric entry control system used in conjunction with DrägerMan Bodyguard II to remotely monitor the status of up to 12 fire fighters.

Dräger Head-Up Display

ST-9907-2006



Dräger HUD

Displays residual pressure information directly in the mask.

Rescue Devices

ST-562-2006



Dräger Rescue Hood

Compressed air rescue hood for rescuing victims in hazardous atmospheres.

Second Medium Pressure Connections

ST-594-2006 / ST-595-2006



Accessories for emergency, rescue and decontamination applications.

Compressed Air Cylinders

ST-573-2006



Dräger Compressed Air Cylinders

Wide Portfolio of cylinders to internationally recognized standards.



Dräger FPS 7000 and Dräger PSS 7000 launch their career.

SYSTEM SOLUTIONS FROM DRÄGER SAFETY. YOU ARE EXPOSED TO HEAT, FIRE AND FLAMES DAY IN, DAY OUT. SERVICE AND MAINTENANCE ARE ESSENTIAL TO ENSURE THE UTMOST IN PERFORMANCE AND SAFETY – EVEN IN THE MOST EXTREME CONDITIONS. DRÄGER SAFETY OFFERS A WIDE RANGE OF PRODUCTS FOR QUICK AND EASY MAINTENANCE OF YOUR EQUIPMENT. YOU CAN BE CONFIDENT THAT YOUR EQUIPMENT WILL PERFORM AT THE OPTIMUM AT ALL TIMES.



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ST-9860-2006

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ST-498-2004

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ST-654-2004

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ST-2243-2006

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ST-2405-2006

6



ST-9970-2006

1 Application:

Extreme operating conditions to which your equipment is subject to require continuous and precise checks, servicing, maintenance, and, if necessary, repairs; not to mention cleaning and disinfection.

2 Documentation and recording the incident

Dräger Safety offers software solutions to fire brigades for registering equipment inventory. This allows a quick overview of the location and maintenance status of the equipment at all times.

3 Compressor / Filling Panel / Cylinders

Dräger Safety offers breathing air compressors for all areas of application. Dräger plans, installs and services gas filling systems in industry and for fire brigades and also offers small-scale systems starting with 100 l/min recreational diving compressors.

4 Cleaning, Washing and Drying

The washing and disinfecting of clothing masks and chemical protective suits is a necessary procedure which must be carried out after each incident. Ensure the best care of your equipment by using disinfectants, cleansing agents and dosage inserts supplied by Dräger Safety.

5 Maintenance / Repair / Battery Management

Dräger Safety respiratory protection service centres: the best insurance for long-term equipment service. Comprehensive service and maintenance assure you of uncompromising safety and extend the life expectancy of the equipment. You benefit from precise and easy, step-by-step support using PC-controlled universal testing and cleaning systems for facepieces, compressed air breathing apparatus, chemical protective suits and closed circuit breathing apparatus.

6 Testing devices

Dräger has developed a line of application-specific testing devices. These devices are valuable tools for service technicians whose responsibility is to ensure that the breathing apparatus is always working safely and reliably.

Safety is not only about what you know, but also about what you can do.



ST-1879-2006

A MEASURE OF THE THE SERIOUSNESS OF AN EMERGENCY IS THE DEGREE TO WHICH ONE IS PREPARED FOR IT AND ANY TECHNOLOGY IS ONLY AS GOOD AS THE PERSON USING IT. PREPARATION FOR EMERGENCIES MUST THEREFORE INCLUDE STATE-OF-THE-ART TECHNOLOGY AND TRAINING.

Dräger Safety provides tried and trusted technology and the training to back it up. This training will not only give you a good understanding of the underlying theory of our state-of-the-art Dräger Safety equipment but make you experts in using it. Our user training seminars will instruct you in all you need to know to take rapid and well-considered action while in dangerous situations. The training facilities and equipment have been carefully designed by experts to simulate real-life scenarios so that your response in a real incident will be instinctive without ever exposing you to danger. To teach you how to act in a dangerous situation, we confront you with elements such as outdoor scenarios closely matching stress situations which will help you to make better decisions faster in

real-life incidents.

In order to become accustomed to extreme heat or to detect and respond to a flashover, we have mobile gas-powered and wood-fired fire training containers ready for you to train with. Our realistic settings offer you the opportunity to train for real emergencies.




DRÄGER FPS 7000 FULL FACE MASKS

 <p>ST-9490-2006</p>	<p>Dräger FPS 7000 RA-connector For combination with the lung demand valve DrägerMan PSS-N or with filters.</p>	 <p>ST-9491-2006</p>	<p>Dräger FPS 7000 PE-connector For combination with the lung demand valve DrägerMan PSS-AE.</p>	 <p>ST-9493-2006</p>	<p>Dräger FPS 7000 ESA-connector For combination with the lung demand valve DrägerMan PSS-ESA.</p>
 <p>ST-9475-2006</p>	<p>Dräger FPS 7000 P-connector For combination with the lung demand valve DrägerMan PSS-A.</p>	 <p>ST-9477-2006</p>	<p>Dräger FPS 7000 P-connector with adapter For combination with the full-face helmet Dräger HPS 6100 or Dräger HPS 6200.</p>	 <p>ST-9507-2006</p>	<p>Dräger FPS 7000 P-connector with Dräger FPS-COM For combination with digital or analogous radio equipment and Dräger PTT.</p>

MASK ACCESSORIES

 <p>ST-9504-2006</p>	<p>Mask Spectacle Frames For persons who wear glasses the Dräger FPS 7000 can be easily equipped with the mask spectacle frames.</p>	 <p>ST-487-98</p>	<p>Carrying boxes For the safe transport of the Dräger FPS 7000 we recommend the proven carrying boxes "Mabox I" and "Mabox II".</p>	 <p>ST-347-2004</p>	<p>Dräger COM SYSTEM Dräger C-C500 can be optimally combined with the newly developed Dräger FPS-COM.</p>
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COMPRESSED AIR BREATHING APPARATUS

 <p>ST-585-2006</p>	<p>Dräger PSS 7000 New generation of self-contained breathing apparatus featuring advanced ergonomics, robust design and easy service and maintenance.</p>	 <p>ST-149-2000a</p>	<p>Lung Demand Valves Lung demand valves available with choice of face-mask connectors.</p>	 <p>ST-593-2006</p>	<p>Second Medium Pressure Connections Accessories for emergency, rescue and decontamination applications.</p>
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CYLINDERS

 <p>1-3-95 / ST-3994-2005</p>	<p>Dräger compressed air cylinders Dräger compressed air cylinders; a comprehensive range approved to internationally recognized standards.</p>
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BREATHING APPARATUS ENTRY CONTROL MONITORING SYSTEM

 <p>ST-2406-2003</p>	<p>DrägerMan PSS® Merlin Electronic entry control board for telemetric monitoring of up to 12 fire fighters.</p>	 <p>ST-9428-2006</p>	<p>Dräger Regis 300 Compact electronic entry control board for monitoring up to 3 fire fighting teams.</p>	 <p>ST-357-2001</p>	<p>DrägerMan Bodyguard II Fully electronic signal and warning unit for compressed air breathing apparatuses and closed-circuit breathing apparatuses.</p>
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HELMETS



ST-74-2003

Dräger HPS 4100
Half helmet according to EN 443 for fire and emergency services made of high temperature resistant material with various accessories.



ST-9401-2006

Dräger HPS 6200
Full-face helmet according to prEN 443 for fire and emergency services made of high temperature resistant material with many accessories and available in different versions.

TEST EQUIPMENT



ST-2470-2003

Dräger Quaestor automatic
PC-controlled test device for dynamic and static testing of breathing protection masks, lung demand valves, pressure-reducing valves, chemical protection suits, diving apparatus and closed-circuit breathing apparatus.



ST-2261-2006

Dräger Prestor
The Prestor is an efficient mask test device, with which full-face masks can be thoroughly tested.



ST-2477-2003

Dräger Testor 3100
Compact manual test device for breathing protection masks, compressed air breathing apparatus and chemical protection suits with a clearly arranged control panel.

TEST EQUIPMENT ACCESSORIES



Drägerware_ Logo

Drägerware
Drägerware workshop programs are designed as modules and are completely scalable according to your needs – from the simple single workstation version to large network installations.



ST-9481-2006

Barcode / Transponder
For the registration and logistics of masks and equipment, Dräger Safety has transponder or bar code systems available in its product program; these are supported by Drägerware software.

FACTORY, WASHING MACHINE, DRYER



ST-428-2004

Breathing protection workshops
Individually equipped with the necessary service and maintenance equipment according to your specific requirements.



ST-2241-2006

Dräger washing machine
These automatic machines are specifically designed for the needs of fire departments.



ST-2427-2006

Dräger dryer
Special designed dryers for protective clothing and face-masks ensure longevity and quick turn-around times in the workshop.

TRAINING



ST-4974-2006

Dräger fire training facilities (FD I-IV)
Provide the possibility of learning to recognize and combat flashover situations under controllable conditions. Mobile or stationary.



ST-2235-2006

Dräger breathing protection training facilities
Stationary and mobile. Practice facilities for individual training under realistic conditions.



ST-9642/2006

Dräger Safety: Don't leave your safety to chance.

It is not by chance that each year more and more fire fighting and relief organizations rely on the innovative products and solutions offered by Dräger Safety.

This brochure provides only a small sample of our comprehensive range of products and services. For more information, visit the Dräger Safety Website at www.draeger.com.

We would be pleased to send you a detailed information pack covering those areas of interest to you. We look forward to receiving any queries and suggestions you may have.

Feel free to contact us by phone, e-mail or fax.

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