



ST-9685-2006

WORKING UNDER FIRE.
THE DRÄGER FPS 7000 FULL-FACE MASKS AND SYSTEM ACCESSORIES.

DETECTION
PERSONAL PROTECTION
DIVING TECHNOLOGY
SYSTEM TECHNOLOGY
SERVICES

Drägersafety



ST-0632-2006

In situation like this, you need decisiveness,
courage and professionalism.
And technology of Dräger Safety.

EACH OPERATION IS ASSOCIATED WITH A DEGREE OF UNCERTAINTY. IT IS GOOD TO BE ABLE TO DEPEND ONE HUNDRED PERCENT ON TWO THINGS: ON ONE'S OWN TEAM AND ON THE PERSONAL PROTECTIVE EQUIPMENT OF DRÄGER SAFETY.

Whichever product from the Dräger Safety portfolio is used, we know from experience that our products and solutions are the correct choices only if they exactly meet the needs of the users. Therefore, we closely listen to our customers and include them in our development process.

In accordance with our strict series of tests, each detail of all safety-relevant equipment meets the very highest quality requirements. And these cannot be high enough when human lives are at stake.

That is why an increasing number of fire departments and relief organizations

throughout the world are depending on the products of Dräger Safety. They must know why.



ST-9559-2006

In personal protective equipment the breathing apparatus plays an important role. The mask which is used in this case must not only provide reliable protection against heat, gases or fire, but also must carry out its primary function without detriment to the wearer's working ability.

The Dräger FPS 7000 combines all the advantages of a modern respiratory protection mask with a new design. This includes an improved fit, a significantly enlarged field of vision and fully integrated accessories such as a head-up display (HUD) or the new communication system, Dräger FPS-COM. In this way it provides the optimal requirements for successful use.



ST-9475-2006



Dräger FPS 7000
with head straps

ST-9477-2006



Dräger FPS 7000
with helmet adapter

ST-9607-2006



Dräger FPS 7000
with head straps
and Dräger FPS-COM

Go to the limit: the Dräger FPS 7000.

SOMETIMES IT IS THE SMALL THINGS THAT DETERMINE THE OUTCOME OF A MISSION. YOU MUST HAVE A CLEAR VIEW OF THE SCENE IN FRONT OF YOU - EVEN WHILE WEARING A MASK. THE NEW DRÄGER FPS 7000 FULL-FACE MASK PROVIDES AN EXCEPTIONALLY WIDE FIELD OF VISION. TO PREVENT YOU FROM OVERSEEING SOMETHING.

The Dräger FPS 7000 full-face mask sets new standards in personal protective equipment. On the one hand, it offers a maximum degree of system compatibility and modularity. This enables it to be precisely adapted to your individual needs. On the other hand, the Dräger FPS 7000 combines the total know-how and knowledge gathered from 100 years of experience in breathing apparatus technology with the evolving market requirements.

Dräger FPS 7000:

Designed for your needs.

The flexibility you get from the Dräger FPS 7000 concerning its compatibility with existing protective breathing apparatuses and helmets carries forward. Thus, the Dräger FPS 7000 integrates seamlessly with your other equipment.

Further features of the Dräger FPS 7000 has to offer is something that we would like to show you on the following pages. See for yourself.

Effective protection without attracting attention.

A CLEAR HEAD FOR IMPORTANT THINGS: A DISTINCTION OF SUPERIOR SAFETY EQUIPMENT. THE EQUIPMENT MUST EFFECTIVELY PROTECT THE WEARER FROM ANY DEGREE OF ENCUMBRANCE SO THAT THE USER IS ABLE TO CONCENTRATE FULLY AND COMPLETELY ON THE TASK IN HAND.

The Dräger FPS 7000 will surprise you with regard to its fit. For example, it does not have a "hard body" in the chin and cheek area which makes it possible to optimally adapt to different face shapes. Three different sizes of the mask body and the inner mask guarantee a perfect and comfortable fit for all face shapes.

Furthermore, all mask sizes are designed to always position the wearer's eyes in the center of the visor and, thereby, guarantees an optimal, almost natural field of vision. Thanks to an innovative optical correction procedure distortions do not occur.

Just like the Dräger FPS 7000 adapts to its wearer, it also will adapt to your existing equipment. Choice regarding the range of connectors is one of the strengths of the Dräger FPS 7000.

Whether with positive pressure, with normal pressure or with closed-circuit breathing apparatus: A suitable connector can be found within Dräger FPS 7000 range.

With comparable flexibility the Dräger FPS 7000 can be combined in different ways with your personal protective equipment. For universal use the Dräger FPS 7000 offers a harness or alternatively, a hairnet.

An even greater level of safety is achieved by the Dräger FPS 7000 with its newly developed adapter. For example, if the Dräger HPS 6200 fire-fighter helmet is combined with the respiratory protection mask, the newly developed and patented Dräger Q-fix connection prevents the unintentional release of the attachment.

Either way, the Dräger FPS 7000 always fits securely and comfortably to enable you to fully concentrate on your job.



Dräger FPS 7000
with P-connector

Dräger FPS 7000 :

The new face of firefighting

Sealing frame:

Inner sealing line combined with an sealing surface for the greatest possible safety.

Head harness:

Ergonomically formed and easy to adjust.

Visor:

Made of very durable polycarbonate, e.g., with antiscratch coating

Inner mask:

Available in three sizes.

Connector:

Various types of connectors with backwards compatibility to existing systems.

Mask body:

Ergonomically formed and available in three sizes.



ST-94/75-2006

Dräger FPS-COM: Clear communication in every situation

Voice amplifier:

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

Microphone:

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

Cable for standard-PTT:

This cable is used to connect the mask to your standard PTT or, if the mask has an integrated PTT system, to your standard radio.



ST-6607/2006

Speaker of the communication system:

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

PTT on the mask:

Optional integrated Push-to-Talk (PTT) easy accessible in the lower part of the mask

Tailored to your needs.



WITH THE DRÄGER FPS-COM DRÄGER SAFETY OFFERS YOU THE FIRST FULLY INTEGRATED MASK COMMUNICATION SYSTEM. ONE THAT ENABLES YOU TO CONFIGURE THE SYSTEM TO SUIT YOUR NEEDS.

The Dräger FPS-COM is a modular system which can be adapted or upgraded to meet your requirements precisely. Depending on your needs, you can custom order the system to precisely match them.

For instance, you can use the new Dräger FPS-COM as a dedicated radio communication system. Or perhaps you may want to equip your mask with a voice amplifier in order to be better understood in the immediate surroundings? No problem, the voice amplifier is available as a module. If desired, you also can order the system with a PTT module integrated into the mask.

The system is powered by commonly available 9 volt batteries.

Furthermore, it has been designed to provide clear speech transmission without any background noise.

Of course, the Dräger FPS-COM can be very simply operated with a large variety of radios. Installation, cleaning and disinfection are just as simple.



In case of fire please observe the dress code.



ST-487-98

Carrying boxes

For the safe transport of the Dräger FPS 7000 we recommend the proven carrying boxes "Mabox I" and "Mabox II".



ST-414-2003

Protex mask bag

The Dräger FPS 7000 can also be stored in the "Protex" mask bag.



ST-9504-2006

Spectacle frame

For those who wear glasses the Dräger FPS 7000 can be easily equipped with the mask spectacle frame.

THE DRÄGER FPS 7000 IS ONLY ONE COMPONENT OF THE DRÄGER SAFETY PRODUCT PROGRAM WHICH - PIECE BY PIECE - OFFERS COMPREHENSIVE AND CONTINUOUS PROTECTION BEFORE, DURING AND ESPECIALLY AFTER USE.

An effective system concept always requires seamless interaction between the individual components. Therefore, the Dräger FPS 7000 full-face mask in combination with one of the Dräger HPS helmets and the Dräger PSS 7000 provides you an advanced state-of-the-art personal safety system - especially in dangerous surroundings.

The Dräger FPS 7000 also has much to offer as far as accessories are concerned: For

example, so that individuals who wear glasses are not left out it can with an adapter be easily equipped with the existing spectacle frames of the Dräger Panorama Nova and the Dräger f2.

Careful maintenance in combination with proper storage in the appropriate carrying case or mask bag ensures a very long product life and a constant readiness for use. Working to your advantage.



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In fire departments the following is important: After care improves operation. This is why Dräger Safety not only delivers excellent protective components in the form of helmets, masks and compressed air breathing apparatuses, but also the required accessories to make sure that your Dräger components are always kept in best condition.

After use, it is recommended that the mask be cleaned with lukewarm water containing the universal cleaning agent Sekusept® Cleaner. Sekusept® Cleaner is biodegradable, offers good cleaning performance and does not harm the mask material. Incidur® is recommended for disinfection. It offers a very broad activity spectrum against bacteria without harming the mask itself.

Regular maintenance extends the service life of all Dräger products.

The DAISYquick cleaning cloths thoroughly remove all dirt without harming the mask. They are intended for cleaning during repeated use or for training purposes. Dräger "clear-pilot" fluid and gel were specifically developed for optical glasses, lenses or also visors. They effectively prevent fogging of the visor.

ST-2276-2006



Sekusept® Cleaner

Is biodegradable and very eco-friendly but offers good cleaning performance.

ST-403-2003



"clear-pilot" anti-fogging gel:

A fogging of the visor is prevented effectively by this special anti-fogging agent.

ST-412-2003



DAISYquick cleaning cloths:

Cleaning cloths for efficient removal of dirt without harming the mask.

The Dräger FPS 7000: Always an ideal combination.

TAILORED TO YOUR NEEDS: SYSTEM COMPONENTS BY DRÄGER SAFETY. WHETHER MASKS, HELMETS, OR COMPRESSED AIR BREATHING APPARATUSES, EVERYTHING IS COMPLETE: DRÄGER SAFETY OFFERS THE IDEAL COMBINATION FOR YOUR REQUIREMENTS.

ST-9406-2006



Dräger HPS 6200

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

Effective protection starts from the top. For example, with the integrated helmets Dräger HPS 6100, the new Dräger HPS 6200 or the half-shell helmet Dräger HPS 4100 for fire brigades and emergency services. All are made of high temperature resistant material, with their many accessories and a diversity of configurations, are the ideal partners for the Dräger FPS 7000.

Combined with the compressed air breathing apparatus Dräger PSS 7000, it becomes the optimal breathing protection system.

The breathing apparatus especially makes an impression with its innovative, highly flexible carrying system and its composition of ultralight materials. The resulting optimized weight distribution provides a completely new feeling of mobility. And with the Dräger FPS 7000 forms a precisely matched system.

However, it is of course possible to combine the Dräger FPS 7000 with other Dräger compressed air breathing apparatuses.

ST-567-2006



Dräger PSS 7000

Ultralight, robust and extremely heat resistant compressed air breathing apparatus.

ST-74-2003



Dräger HPS 4100

With the harness or the hairnet, it is possible to comfortably combine the Dräger FPS 7000 with the half-shell helmet Dräger HPS 4100.

ST-9907-2006



Dräger HUD

Reproduces information about the residual pressure directly into the mask.



For longer application of up to four hours duration, the Dräger FPS 7000 ideally can be combined with the closed-circuit breathing apparatus Dräger PSS® BG4. It is equipped with the DrägerMan Bodyguard®, the fully electronic signal and warning unit, and can be connected to the Dräger PSS® Merlin. It will always keep you safe.

The safety of a large team is provided by the DrägerMan PSS® Merlin control board. It is the heart of our telemetric monitoring and communication system for up to twelve wearers of breathing apparatus. In combination with the DrägerMan Bodyguard® II and data radio transmitter the entire team can be constantly monitored throughout an operation.

You can count on Dräger Safety even after an incident. Our range includes the required equipment to keep your safety equipment in the best possible condition at all times.

The Dräger Testors test full-face masks, lung demand valves, pressure-reducers, compressed air breathing apparatuses and chemical protection suits. The Dräger Testor 2100 is suitable to perform leakage tests according to vdfb guideline 0804 and - in light of the small space that it requires - can be integrated into any workshop without any problems.

Having the same function as the Dräger Testor 2100, the Dräger Testor 3100 is a PC-combined test device that also can perform high pressure testing. The test unit software assumes the control of all the test steps for you.

ST-584-2003



Dräger PSS® BG4

Closed-circuit breathing apparatus for providing the wearer with air for up to 4 hours.

ST-2406-2003



DrägerMan PSS® Merlin

Monitoring and communication system for providing information about the status of the team and the equipment.

ST-357-2001



DrägerMan Bodyguard® II

Provides information about the wearer and the equipment and transmits it to the DrägerMan PSS® Merlin.

ST-2477-2003



Dräger Testor 3100

Test device for the reliable detection of leaks or other possible impairments of Dräger masks.

Training you for the unexpected.

THE BEST TECHNOLOGY IS ONLY AS GOOD AS THE PERSON WHO USES IT. IT IS FOR THIS REASON THAT DRÄGER SAFETY IS NOW EXPANDING THE SEMINAR CENTER FOR TECHNICAL TRAINING TO THE DRÄGER SAFETY ACADEMY. TO ENSURE THAT YOU WILL IN ANY CIRCUMSTANCE, BE PREPARED.

It is not possible to train for emergencies, but it is possible to have undergone optimum preparation. The Dräger Safety Academy offers you the possibility of familiarizing yourself with and mastering dangerous situations - without really being in danger.

For example, this can be undertaken in our training containers in which realistic scenarios for fire fighter missions can be practiced. Whether the focus is on getting used to the heat in a gas-operated container or the recognition and combating of a flashover in

wood-operated containers: The mobile fire training containers make diverse training possibilities available everywhere.

In our practical seminar on behavior in dangerous situations, the participants are confronted with stress situations via outdoor elements. In this way they learn to decide better and more quickly in an emergency. However, safety also means that you are familiar with the use of modern safety technology and above all have achieved a certain level of expertise. This cannot be

learned in a purely theoretical approach. In the user seminars of the Dräger Safety Academy experienced trainers will teach you what you need to know. And this will be so permanently ingrained in your memory that you will react automatically in an emergency situations.



Don't leave your safety to chance.
Trust on the products and solutions of
Dräger Safety.



In this brochure we are only introducing you to a small selection of products and solutions that we offer for your specific field of application.

A complete overview can be found on the Dräger Safety Web site at www.draeger.com.
We will be happy to send you further individual and detailed informational material.
Contact us – we look forward to your questions and suggestions.

OVERVIEW OF PART-NUMBERS*

Dräger FPS 7000 Series

Connector	Material	Size	Visor	Adaptation system	Part-number
(mask/ inner mask)					
Dräger FPS 7100 RA connector					
Dräger FPS 7130	EPDM	M2	PC	CR	R56310
	EPDM	S1	PC	CR	R56502
	EPDM	L2	PC	CR	R56503
	EPDM	M2	PCaf	CR	R56305
	EPDM	M2	PC	S-fix	R56425
Dräger FPS 7110	Silicone	M2	PC	Si	R56332
Dräger FPS 7300 PE connector					
Dräger FPS 7330	EPDM	M2	PC	CR	R56426
	EPDM	S1	PC	CR	R56514
	EPDM	L2	PC	CR	R56515
	EPDM	M2	PC	S-fix	R56427
Dräger FPS 7500 ESA connector					
Dräger FPS 7530	EPDM	M2	PC	CR	R56307
	EPDM	S1	PC	CR	R56516
	EPDM	L2	PC	CR	R56517
Dräger FPS 7700 P-connector					
Dräger FPS 7730	EPDM	M2	PC	CR	R56200
	EPDM	S1	PC	CR	R56249
	EPDM	L2	PC	CR	R56300
	EPDM	M2	PC	S-fix	R56309
	EPDM	S1	PC	S-fix	R56505
	EPDM	L2	PC	S-fix	R56506
Dräger FPS 7710	Silicone	M2	PC	Si	R56331

*Additional versions are also available. Please contact your sales representative for additional information.



Dräger FPS 7000
RA-connector



Dräger FPS 7000
PE-connector



Dräger FPS 7000
ESA-connector



Dräger FPS 7000
P-connector



Dräger FPS 7000
P-connector with adapter



Dräger FPS 7000
P-connector with Dräger
FPS-COM

RA	Round thread connector according to EN 148-1 – normal pressure
PE	Standard screw connector M 45x3 of the German Fire Service according to EN 148-3 – positive pressure
ESA	Standard plug connector of the German Fire Service according to DIN 58600 – positive pressure
P	Dräger plug connector – positive pressure
PC	Polycarbonate
PCaf	Polycarbonate visor with anti-fog coating
CR	Chloroprene harness
Si	Silicone harness
S-fix	Mask-helmet combination with standard connection



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