



Protective equipment and training



ST-3626-2004



ST-16421-2008



D-2004-2009

Dräger Respiratory Protection

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Skills and experience are what make the difference.





EMPLOYEE EXPOSURE

Protecting employees from hazards like dust, gas and vapors in the work environment is a high priority for all health and safety professionals. Dräger's extensive respiratory program includes air purifying respirators from the Dräger X-plore 1300 filtering facepiece respirator and Dräger X-plore® 2100 reusable half mask; through to a full range of Dräger X-plore half mask and full face respirators with cartridges to meet a wide range of working conditions.

INDUSTRIAL RESPIRATORY PROTECTION

In some industrial working applications, higher-level exposure hazards cannot be avoided. The ability to provide protection to these workers is a high priority for health and safety professionals. Dräger offers a range of supplied air respirators and SCBAs. The Dräger PAS Colt and PAS Micro respirators and Dräger PAS Lite lead the way for protecting the workers in hazardous environments.

CONFINED SPACE ENTRY

Special laws have been enacted to deal with one of the most dangerous environments in today's work place. Confined spaces are found in every type of industry, from utilities to agriculture, from food processing to petrochemical and from aerospace to mining. Because these areas must be entered on a routine basis, Dräger's Airline Supply Systems, Airline Egress Respirator Systems and QuickAir™ Emergency Escape Breathing Apparatus play an important role in protecting workers to ensure that a confined space is a safe place to enter and work.

FIREFIGHTING

Being in one of the most demanding, challenging and dangerous professions, fire fighters require the highest levels of personal protection. Dräger's SCBA is designed for fire fighting, HazMat and Search and Rescue applications. With the most up to date self-contained breathing apparatus systems available, Dräger's PSS™ 7000, PSS™ 5000, and BG 4 SCBAs are answering the call.

EMERGENCY ESCAPE

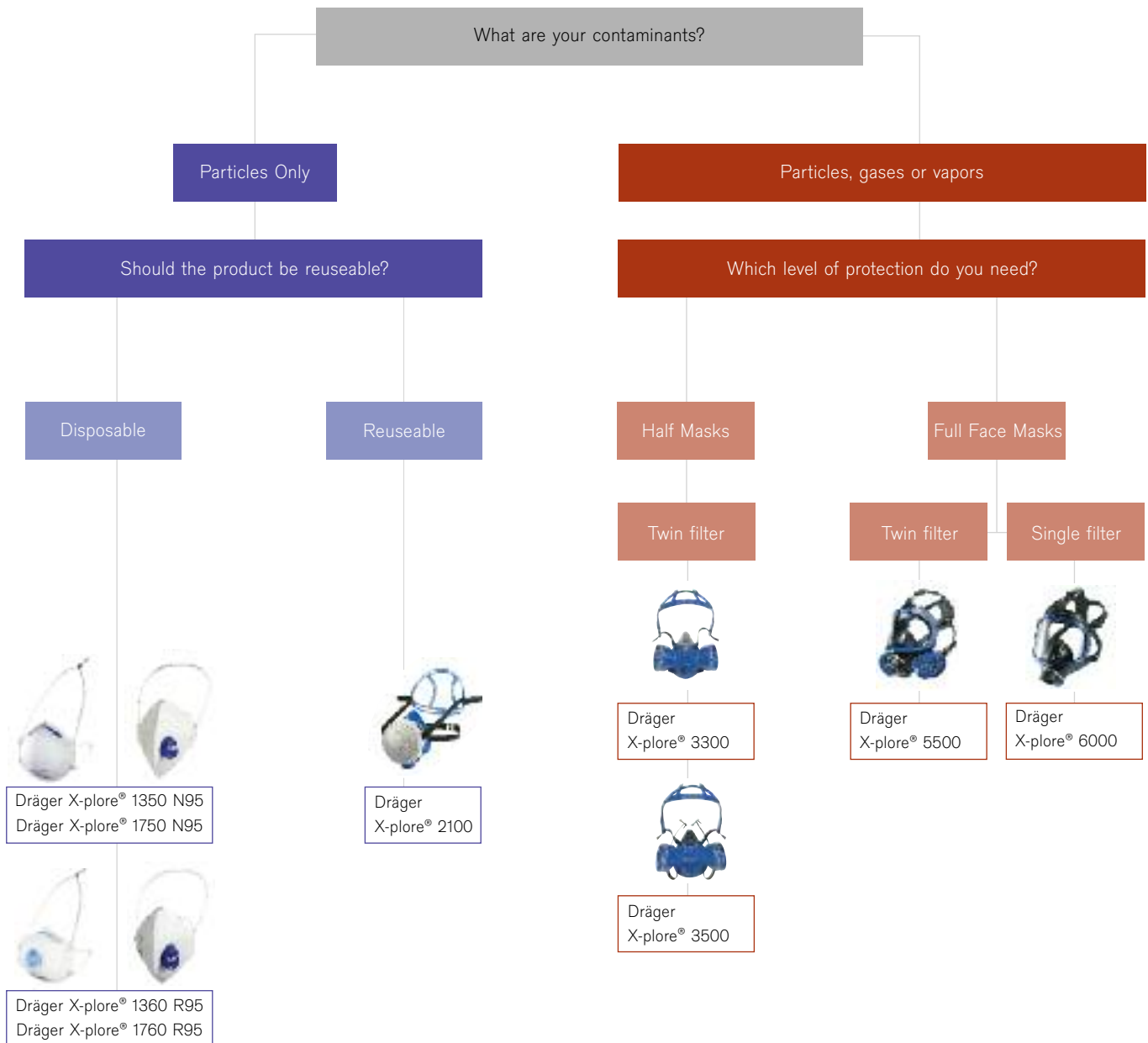
A stable environment can become hazardous when an accident occurs. People working in these areas need a respirator that is easy to use and provides the appropriate protection, Dräger offers a wide variety of escape respirators. The Parat C (APR escape hood), Quick Air (supplied air), Charge Air (supplied air refill) and Oxy K Plus (oxygen generating) escape respirators are all designed to help get you out of harm's way safely.

DOMESTIC PREPAREDNESS

Today's first responders need to maintain constant preparedness against terrorist attacks. Dräger's provides a full range of respiratory protection no matter what is your assigned mission. The Dräger DHS® 7000 Hybrid System, Dräger PSS™ BG 4 Plus, Dräger SCBA-G, and PSS™ Series SCBA are ideally suited for operations of extended duration such as SWAT, Domestic Preparedness, Strategic Response, Urban Search and other challenging applications faced by today's first responders.

Proven respiratory protection with intelligent solutions.

The Dräger X-plore® Product Family.





Dräger X-plore® 1300

The Dräger X-Plore® 1300 — Developed on the basis of market demands and customer requirements — sets new standards on comfort levels for filtering facepiece respirators. The result: an extremely comfortable, pre-formed dust mask for protection against solid and liquid particles. Its efficient filter material and ergonomic design make the Dräger X-Plore® 1300 a disposable dust mask with maximum comfort, safety and user acceptance.

- High level of wearer comfort through ergonomic shape and advanced filter media.
- Safety according to your needs — a color coded selection of protection levels and design variations, makes it easy to distinguish between protection classes.
- Ergonomic design allows the mask to fit well with safety glasses and goggles.
- A special seal in the area of the nose helps prevent fogging.
- Versions with an integrated Odor Control layer keep nuisance OV odors out.
- Integrated strap tension adjuster to allow the wearer to fine tune the mask to the proper comfort.
- A sure fit, for the most demanding conditions - the Dräger X-plore® 1300 is available in two sizes (S/M and M/L).



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Dräger X-plore® 1300

ORDERING INFORMATION

Protection class	Size	Pieces/box	Order No.
Dräger X-plore® 1350 N95	XS	20	39 51 351
Dräger X-plore® 1350 N95	S/M	20	39 51 352
Dräger X-plore® 1350 N95	M/L	20	39 51 353
Dräger X-plore® 1350 N95 V	S/M	10	39 51 355
Dräger X-plore® 1350 N95 V	M/L	10	39 51 356
Dräger X-plore® 1350 N95 V OV Odor ¹	S/M	10	39 51 358
Dräger X-plore® 1350 N95 V OV Odor ¹	M/L	10	39 51 359
Dräger X-plore® 1360 R95	S/M	20	39 51 362
Dräger X-plore® 1360 R95	M/L	20	39 51 363
Dräger X-plore® 1360 R95 V	S/M	10	39 51 365
Dräger X-plore® 1360 R95 V	M/L	10	39 51 366
Dräger X-plore® 1350 N95 V OV Odor ¹	S/M	20	39 51 368

¹ Additionally against nuisance odors below permissible exposure limit (PEL).



D-17215-2010



ST-13015-2007



ST-16391-2008

Dräger X-plore® 1700

Breathe easier and work safely. The Dräger X-plore® 1700 series was developed in cooperation with users for the specific requirements in the areas of industry, specialized trades and services. It sets new standards for comfort and use, performance and protection, along with modern design.

Dräger X-plore® 1700 is the new generation of particle filtering face pieces. With its CoolSAFE™ filter material it offers effective protection against fine dust, as well as solid and liquid particles. The Dräger X-plore® 1700 series offers a wide variety of different masks to meet the needs of different application areas. Users can choose between two NIOSH protection classes: N95 and R95 which are optionally available with exhalation valve for additional comfort. Odor stopping versions, containing an activated carbon layer are ideal for users which battle with unpleasant nuisance odors. All versions are NIOSH approved.

FEATURES:

- CoolSAFE™ filter material
- Secure Seal
- Flexible nose clip
- Soft inner layer
- Space saving folded form for easy transport
- Hygienic individual packaging



ST-94893-2007

Dräger X-plore® 1750 N95

TECHNICAL DATA

Filter material	CoolSAFE™ for protection against solid and liquid non-volatile particles
Odor versions	With additional activated carbon layer against nuisance organic odors below the limit value
Approvals	NIOSH
N95	TC-84A-4396
N95 with valve	TC-84A-4557
R95	TC-84A-4556
N95 Odor	TC-84A-4555

ORDERING INFORMATION

Dräger X-plore® 1700	Rating	Pieces./box	Order No.
Dräger X-plore® 1750	N95	20	39 51 320
Dräger X-plore® 1750 V	N95	15	39 51 321
Dräger X-plore® 1750 V Odor ¹	N95	15	39 51 322
Dräger X-plore® 1760 V	R95	15	39 51 326

¹Additionally against nuisance odors below permissible exposure limits (PEL).



Dräger X-plore® 2100

The Dräger X-Plore® 2100 combines the protection and comfort of conventional half masks with the low cost of disposable respirators.

Better protection is afforded through the soft silicone or durable EPDM mask body providing a more effective facial seal when compared to a disposable mask, especially around the nose. The Dräger X-plore® 2100 provides a better facial seal when talking, making it ideal when clear communication is essential.

Donning and doffing the mask as well as filter replacement is quick and easy. The ergonomic non-slip head harness ensures a good fit, while the elastic straps with an integrated neck hook are easy to open and close, and allow precise adjustment of the mask. The mask can also be removed without the need to take off a safety helmet ("drop-down" strap system).

The P100 or R95 filters feature an enlarged surface with more filtering capability than the conventional disposable filtering facemasks or filter pads. This

also drastically reduces inhalation resistance. A standard exhalation valve in the mask body further reduces breathing resistance and heat build up making the Dräger X-plore® 2100 very comfortable.

The Dräger X-plore® 2100 is very economical because the larger filter media lasts longer. Unlike disposable filtering facemasks, which a worker will use several per day, the Dräger X-plore® 2100 will provide a longer duration of protection and reduce filter costs. The larger filter area allows the Dräger X-plore® 2100 to be used in very dusty environments for a longer period of time.

The Dräger X-plore® 2100 is NIOSH approved with filters that offer P100 and R95 protection levels against dusts, mists and other airborne particles or aerosols.



ST-1762-2005

Dräger X-plore® 2100 Silicone



ST-1114-2005

Dräger X-plore® 2100 EPDM



ST-396-2003

Particle Filter

ORDER INFORMATION

X-plore® 2100, Silicone, size M/L with (5) P100 Filters	R 55 915
X-plore® 2100, EPDM, universal size with (5) P100 Filters	R 55 910
X-plore® 2100, Silicone (mask only) size S/M	R 55 883
X-plore® 2100, Silicone (mask only) size M/L	R 55 882
X-plore® 2100, EPDM (mask only) universal size	R 55 881

Replacement Filters

P100 Filters only, pack of 25	67 36 777
R95 Filters only, pack of 25	67 37 352



D-5201-2009



ST-83878-2010



ST-90-2003

Dräger X-plore® 3300/3500/5500

Dräger offers a full range of purifying respirators under the X-plore® series name. Dräger worked with industrial users throughout the world to develop a better respiratory protection product for use in your everyday workplace. Our goal was to develop a line of products that fit the faces of the world and excels in comfort. The results are dramatic.

Experience extreme comfort with the Dräger X-plore® 3500 reusable half mask cartridge respirator. The specially developed Dräger-Flex® mask material is hypo-allergenic, giving you a soft and comfortable seal without skin irritation. The Flexi-Fit® harness system is extremely comfortable when wearing head protection and will fit underneath a hard hat. An innovative X-guided strap system ensures an even distribution of the mask seal against the face giving you the ultimate comfort without unwanted pressure.

The exclusive triple sealing edge found on the Dräger X-plore® 5500 full-face mask means that there are actually three sizes in this one mask. It makes selection and use of a respirator much easier since anyone can wear the same size mask. The compact low-profile design ensures a wide, unobstructed view.

The twin cartridges are connected to the mask in a position that allows the greatest range of vision and user comfort without interfering with head move-

ments. To meet a wide range of industrial applications, Dräger offers a full line of NIOSH approved cartridges and filters with an exclusive two-point bayonet connector.

The Dräger X-plore® 3300 is an economical alternative to the Dräger X-plore® 3500 half mask respirator. It combines all of the features of the Dräger X-plore® 3500 while constructed of a soft and durable thermo-plastic elastomer (TPE) that provides a comfortable and secure seal for your respiratory protection.

DRÄGER X-PLORE® 3500 FEATURES

- Flexible Nose Seal
- New Dräger Flex Material
- Compact low-profile design
- 3 sizes (S, M, L)
- Dräger Flexi-Fit® Head Harness
- "Slide-down" System
- Innovative guided strap system
- Safe and easy bayonet connection
- Very few parts = ease of maintenance



ST-6820-2006

X-plore® 3300



ST-7581-2007

X-plore® 3500



ST-491-2007

X-plore® 5500

Proven respiratory protection with intelligent solutions.

ORDER INFORMATION

Economical Half Mask

X-plore® 3300, small	R 55 331
X-plore® 3300, medium	R 55 330
X-plore® 3300, large	R 55 332

Premium Half Mask

X-plore® 3500, small	R 55 351
X-plore® 3500, medium	R 55 350
X-plore® 3500, large	R 55 352

Full Face Mask

X-plore® 5500, three sizes in one	R 55 270
X-plore® 5500 with stainless steel lens frame and Triplex glass lens	R 56 655

Filters

P100 Cartridge	67 38 012
N95 Filter Pads	67 38 020
R95 Filter Pads	67 38 021
Filter Pad Holder, Base	67 38 039
Filter Pad Holder, Cover	67 38 038
X-plore® Pure P100 low profile	67 38 350
X-plore® Pure P100 Odor (against nuisance level OV/AG)	67 38 392
Adapter for attaching Pure filters to gas cartridges	67 38 356
Course particulate filter for combination cartridge	67 38 159
Course particulate pre-filter retainer	67 37 576

Gas and Vapor Cartridges

Organic Vapors (OV)	67 38 024
Organic Vapor/Acid Gases (OV/(HC/CL/SD)/FM/CD/HF)	67 38 025
Acid Gases (HC/CL/SD)	67 38 026
Ammonia/Methylamine (AM/MA)	67 38 027
Multi-Gas+ (OV/HC/CL/SD/FM/CD/HF/AM/MA/HS)	67 38 351

Combination Cartridges

Organic Vapors (OV)/P100	67 38 034
Organic Vapor/Acid Gases (OV/(HC/CL/SD)/FM/CD/HF)/P100	67 38 035
Acid Gases (HC/CL/SD)/P100	67 38 036
Ammonia/Methylamine (AM/MA)/P100	67 38 037
Multi-Gas+/P100 (OV/HC/CL/SD/FM/CD/HF/AM/MA/HS/P100)	67 38 361
European Approved (EN) Cartridge (not NIOSH), A1B1E1K1 (see guide on page 11)	67 38 007



Single Cartridge System – X-plore® 6000 Series

DRÄGER X-PLORE® 6000 SERIES

Dräger's exclusive triple sealing edge means that there are actually three sizes in one mask; therefore, one mask will fit most all users. The centrally located filter allows a wide range of head movement and does not restrict peripheral vision. Users maintain over 90% of their normal vision without distortion. A speaking diaphragm provides clear communications with others.

The Dräger X-plore® 6000 series masks provide optimum protection and comfort with low maintenance.

EN Canister Guide Color Coding

AX	■ Organic vapors w/ boiling point <65° C
A	■ Organic vapors w/ boiling point >65° C
B	■ Acid gases (e.g. CL, H ₂ S, HCN)
E	■ Sulfur dioxide, HCL
K	■ Ammonia
CO	■ Carbon monoxide
Hg	■ Mercury
NO	■ Nitrous gases
P	□ Particulates

DRÄGER X-PLORE® 6000 SERIES ORDER INFORMATION

Dräger X-plore® 6300, EPDM Plexiglass lens with integrated bar code, blue plastic lens frame, and glass filled nylon speech diaphragm	R 55 800
Dräger X-plore® 6530, EPDM Polycarbonate lens with integrated bar code, blue plastic lens frame, stainless steel speech diaphragm and neck strap.	R 55 795
Dräger X-plore® 6530 SS, EPDM Polycarbonate lens, stainless steel lens frame, stainless steel speech diaphragm and neck strap	R 51 525
Dräger X-plore® 6570, Blue Silicone Polycarbonate lens with integrated bar code, black plastic lens frame, and stainless steel speech diaphragm	R 55 790
Dräger X-plore® 6570 SS, Yellow Silicone Polycarbonate lens with integrated bar code, stainless steel lens frame, stainless steel speech diaphragm and neck strap	R 51 535

See below for available filters. See page 12 for mask accessories.

The standard thread connection accepts NATO NBC (Nuclear, Biological, Chemical) cartridges as well as Dräger NIOSH approved single cartridges and our European approved canisters.

ORDER INFORMATION

NIOSH Approved

P100 Cartridge (Box of 8)	67 37 013
Phosphine/Tear Gas/P100	67 37 360

Miscellaneous European Approved (EN) Canisters (see guide to the left)

NBC Escape (A2 B2-P3)	67 38 783
A2B2	67 38 779
A2B2E2K2 Hg P3	67 38 797
A1B2E2K1 Hg/CO/NO-P3	67 38 801
A2B2E2K2	67 38 804
AX - P3	67 38 862
B2CO-P3	67 38 805

Dräger Accessories

DRÄGER MASK ACCESSORIES ORDER INFORMATION

Dräger Cleaners/Disinfectants

Alcohol Free Wipes, box of 100	40 53 845
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Anti-fog Solutions, Alcohol Free

Liquid Gel 50 ml	R 52 560
Spray 100 ml	R 21 120

Carrying Bags

Half Mask Carry Bag	40 55 649
Full Face Tactical Mask Bag	40 56 997
Full Face Bag, Yellow Nylon with Belt Loops	40 53 847
Full Face Bag, Blue Nylon with Draw String	40 55 785
Full Face Case, Hard Plastic for Panorama	R 51 019

Accessories for the X-plore® 5500, X-plore® 6000 series, CDR 4500

Spectacle Kit, Standard Mount	R 51 548
Spectacle Kit Altec	40 56 406
Lens Overlay Protectors, clear, 25 per package	40 55 092
Welding Shield for full face mask with stainless steel lens frame, (does not fit S or L P-masks) accepts standard 4.5" x 5.25" glass	40 53 437
Hair Net Head Harness for X-plore® 6000 series	40 57 519

Qualitative Fit Testing

Bitrex™ Qualitative Fit Test Kit, includes (6) ampules	40 55 625
Bitrex™ Fit Test Solution, includes (6) ampules	40 55 624
Bitrex™ Sensitivity Solution, includes (6) ampules	40 55 623
Fit Test Hood, replacement	40 55 650
Irritant Smoke Fit Test Kit, includes (6) tubes	40 53 844
Irritant Smoke Tubes only, (6) tubes	40 54 811

Fit Test Adapters QNFT - Porta Count

Positive Pressure and 40 mm Masks	40 56 315
X-plore® Twin Filter Masks	67 38 044
X-plore® 2100 Porta Count	40 55 655
P100 Filters, 40 mm, single for Fit Testing	40 55 497

Fit Test Adapters QNFT - Quantifit

40 mm Threaded Masks	40 56 718
X-plore® Twin Filter Masks	40 57 023
Positive Pressure Masks	40 56 719
BG 4 Masks	40 56 767



ST1-8312-2007

Dräger offers a variety of mask and filter carrying bags



ST1-9281-2007

Dräger's Spectacle Kit



ST113396-2008

Dräger's Quantifit



Dräger Law Enforcement and Military Masks

Dräger's personal protection products for are designed to provide the maximum possible degree of protection, together with maximum freedom of movement.

DRÄGER DHR® 7000 AND DRÄGER CDR 4500

One characteristic of superior safety equipment is that it must protect the wearer from environmental dangers – without restricting the ability to work freely and concentrate on the task at hand. Dräger's full-face masks set new standards in personal protection and comfort, with a wide range of sizes for a secure fit. Dräger's full-face masks and filters work together to form a proven solution against biological and chemical warfare agents, as well as hazardous substances.

DRÄGER DHR® 7000 HYBRID SYSTEM

Whether you are military, law enforcement, or responder, this complete, modular system offers you the versatility to adapt to and overcome any situation in CBRN environments. The newly designed Dräger Hybrid Respirator (DHR) 7000 is a mask capable of working in both positive pressure as an SCBA or in negative pressure as an APR or PAPR. Switching between these modes is as simple as flipping a switch and turning the cylinder on or off. We have removed lights and alarms that could compromise your position to minimize the effort you need to put into making your equipment swift and silent.

DRÄGER CDR 4500 FULL FACE MASK

The Dräger CDR 4500 full face mask offers complete protection of the respiratory organs and face from harmful gases and particles in the ambient air. The elastomer mask body is extremely resistant to chemicals and mechanical impact. The emergency response teams appreciate its simple handling, outstanding comfort and excellent fit for a wide range of head and face sizes. A neck strap is supplied as standard.

The Dräger CDR 4500 full face mask was specifically designed for use in civil defense and civil protection. When combined with our Cap 1 canister they provide proven protection from a wide variety of potentially hazardous CBRN situations. Dräger's exclusive triple sealing edge means that there are actually three sizes in one mask, thus reducing your logistics and inventory. The centrally located filter allows a wide range of head movement and does not restrict peripheral vision.

Dräger's Cap 1 CBRN Canister offers one of the longest available shelf-life of any canister on the market (minimum 10 years). Along with its lightweight and small size, this canister is sure to suit your requirements.

Outstanding comfort in respiratory protection.

ORDER INFORMATION

Dräger DHR Mask

DHR 7000, Medium, Hydration right, Installed MS-Com Holder	R 58 492
DHR 7000, Medium, Hydration right	R 57 970
DHR 7000, Medium, without Hydration	R 58 480
Also available in small or large with MS-COM and Hydration options	On Request

NIOSH CBRN Approved - Dräger CDR 4500 Full Face Mask

Universal size, three sizes in one, EPDM mask body, black plastic lens frame, polycarbonate lens, neck strap, stainless steel speech diaphragm	R 55 440
CDR 4500 same as above, but with black stainless steel lens frame	
Small	R 55 575
Medium	R 55 710
Large	R 55 580

CAP1 Canister (CBRN approved with CDR 4500)	67 38 146
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See additional accessories on page 15.

Dräger Defense Filters

Cap 1 canister (CBRN approved with CDR 4500)	67 38 146
NBC Escape (EN approved)	67 35 896
F2000 NBC canister, plug-in for M2000	67 38 010

See additional accessories on page 12.

D-31345-2011



Dräger DHR 7000 full-face mask

ST-1278-2004



Dräger CDR 4500 full-face mask

ST-514-2007



Dräger CBRN Cap 1 Canister

Full action, full protection.





Dräger Parat C

Fires are one of the leading causes of accidental death. Most people who die in a fire succumb to smoke inhalation. Smoke contains particles, carbon monoxide, hydrogen cyanide, as well as a variety of other toxic chemicals. The Parat C provides respiratory, eye, and head protection.

The Dräger Parat C will provide 15 minutes or more of protection against smoke. The mask provides a tight seal around the nose, which increases safety and enables verbal communication. When combined with an anti-fog visor, the Parat C ensures that the users are protected and in control.

The bright orange hood is made of a self-extinguishing PVC material, which is flash resistant and easy to spot in an emergency.

Although primarily used for fire protection, the Dräger Parat C is also utilized for escape from chemical releases of substances like Chlorine,

Ammonia, and Hydrogen Sulfide. As a result, the Dräger Parat C is ideal for industrial facilities, oil platforms, large institutions and high-rise buildings. The small lightweight packaging of the soft pack makes it easy to store with other emergency equipment or wear

on a belt. The hard sided cases can be permanently mounted. All packaging options have a 12 year shelf life, provided that the canister is replaced after 6 years. So, the Parat C will be ready to use and easy to don in the event of an emergency for years to come.

DRÄGER PARAT C ORDER INFORMATION

Dräger Parat C Hood in soft-sided vinyl case	R 53 555
Dräger Parat C Hood in hard-sided plastic case	R 52 818
Dräger Parat C twin pack with wall mount kit	R 52 845
Wall bracket for hard-sided case	R 51 906
Belt to carry Parat C	R 53 205
Rebuild kit, includes filter and exhalation valve kit	R 57 302



ST-2418-2003

Dräger Parat C



ST-270-2002

Soft Pack



ST-536-2007

Hard Case



ST-534-2007

Twin Pack

Dräger Emergency Escape Respirators

DRÄGER QUICKAIR™

The Dräger QuickAir™ provides a constant flow of breathing air up to 5 or 10 minutes into a transparent, flame-resistant hood for escape purposes. The hood easily accommodates people with prescriptive eye wear, long hair and beards. The Dräger QuickAir™ is lightweight, easy to carry and can be worn over the shoulder or across the chest.

Able to be donned quickly, the Dräger QuickAir™ carrying bag has easy to follow pictograms to serve as a quick reminder for proper operation. The orange case is highly visible and is durable enough to withstand long-shelf life conditions in extreme environments.

The Dräger Quick Air™ is NIOSH approved as a self-contained breathing apparatus for escape purposes. Popular applications include laboratories, chemical plants, power plants and shipboard usage.



ST-487-2007

ORDER INFORMATION

Dräger QuickAir™, 5-minute @ 40 L/min (2216 psi)	40 554 38
Dräger QuickAir™, 10-minute @ 40 L/min (3000 psi)	40 549 54
Storage Case, QuickAir™, 5-minute	40 550 42
Storage Case, QuickAir™, 10-minute	40 550 41

DRÄGER OXY K PLUS

The Dräger Oxy K Plus is a belt wearable Self Contained Self Rescuer (SCSR). Chemically generated oxygen (KO₂) provides a minimum of 60 minutes operational escape time. Unlike filter escape units, the Oxy K line operates independent of the ambient atmosphere and can be used in oxygen deficient environments.

Dräger's patented Speed-Flip latch allows for fast and safe opening of the unit. The self-starter immediately flows 6 liters of oxygen into the breathing bag making it immediately available for operation. This MSHA/NIOSH/EN approved escape unit is designed to meet the rigors of an underground mining or tunneling environment, but can be used in other operations that require longer duration escape devices.



ST-119f-2004

Oxy K plus S

ORDER INFORMATION

Dräger Oxy K Plus	63 02 000
Dräger Oxy K Plus, 60 Minute Training Unit	63 02 001
Dräger Oxy 3000	63 05 000
Dräger Oxy 6000	63 06 000
Dräger Oxy 6000/3000 Training Set	63 07 100
Dräger Oxy Training Mouth Bit Simulator	63 07 145
Shoulder/Carrying Strap	63 03 070



D-28564-2009

Oxy 6000



Dräger Mine Emergency Escape and Response

Introducing Dräger's new mine emergency escape and response system — the Dräger ChargeAir SCBA Refill System. The Dräger ChargeAir SCBA Refill System provides a new methodology that improves mine escape procedures, increases safety, and helps preserve mine assets.

In the event of an emergency, the Dräger ChargeAir system provides miners with a refillable source of safe, reliable breathing air for self-rescue, proactive firefighting, or immediate search and rescue operations. By combining tried and true technologies such as a belt worn SCSR, a 60 minute SCBA, and pneumatic refill stations, Dräger has developed an emergency response solution that helps mines set a new standard for safety and incident prevention.

THE DRÄGER SCBA REFILL SYSTEM

The Dräger ChargeAir System uses Self Contained Breathing Apparatus (SCBA), commonly worn by fire fighters to provide them with breathing air while inside a burning structure. The Dräger ChargeAir SCBA is a NIOSH approved 1-hour unit for use to enter and escape from an Immediately Dangerous to Life and Health (IDLH) environment. To extend the duration of the SCBA, custom designed refill stations are located within the mine at strategic locations. This combination of SCBA and refill station will provide a fresh breathing air chain to the miners allowing them to breathe clean air while quickly escaping from hazardous environments.

SELF RESCUE

The ChargeAir System supplements the use of SCSRs, by providing a refillable SCBA which eliminates the need to exchange respirators throughout

the escape process. Under this type of plan, SCBA caches and quick refill stations are located along the escape routes. When an emergency occurs, miners can use their SCSR to reach the nearest SCBA cache. Once miners don the SCBA, they will not have to make this transition again. The SCBA will provide a continuous flow of fresh air to the miner, even during the refill process. The full face piece keeps a continuous seal, which increases safety and allows miners to communicate clearly. As miners regress out of the mine, they simply refill their SCBA cylinder at quick refill stations positioned throughout the escape route. Implementation of a Dräger ChargeAir system replaces the need for traditional SCSR caches.

FIRE FIGHTING

Since ChargeAir SCBAs are approved for both escaping and entering IDLH atmospheres, they can be used for more than mine escape. The ChargeAir greatly improves a mine's capability to control emergency situations. Once a miner has exchanged the belt worn SCSR for a ChargeAir SCBA, they can re-enter an IDLH area to rescue other miners or put out a fire. As a result, it is possible to extinguish fires before they get out of control, instead of waiting for mine rescue or a surface fire team to arrive. This helps minimize damage, reduces downtime, and makes the mine a safer place to work.



Small, short duration breathing apparatus.

Combining versatility, ease of use and the latest in breathing apparatus design, Dräger's Supplied Airline Respirators (SAR) and Personal Airline Systems (PAS) are among the most technologically advanced short duration and emergency escape units available.

DRÄGER PAS COLT (SAR)

The Dräger PAS Colt is a Supplied Airline Respirator that is NIOSH approved and may be used with up to 300 feet or 12 hose length sections from the air source, whichever is greater.

The very latest harness design and materials make wearing the ergonomically designed Dräger PAS Colt SAR stable and comfortable. The versatility allows it to be used in those applications which don't require an escape cylinder. The Dräger PAS Colt SAR is the perfect combination of comfort, durability and safety.

The Dräger PAS Colt SAR is a hip-mounted unit with a distinctive, sophisticated harness design which retains its form, making it easy for the wearer to don the apparatus simply and quickly.

The procedure for donning the apparatus is evident at first glance, even to the inexperienced user. Designed to be unclipped from the waist belt, the Dräger PAS Colt SAR is ideal for use in many applications. The harness has been constructed using an anti-static material inert to chemicals and oil, and impervious to most acids and alkalis.

The Dräger PAS Colt SAR includes the versatile Dräger Panorama Nova full facepiece with triple sealing edges for a superior fit, and a speech diaphragm for clear communications. Three sizes in one mask is also compatible with other Dräger compressed air respiratory products.



Dräger PAS Colt SAR



DRÄGER PAS COLT

The PAS Colt is a 5 or 10-minute Supplied Air Respirator (SAR) approved for up to 300 feet of air-line hose. The unique over the shoulder tangle-free harness design incorporates flame/heat resistant, chemical resistant materials and is machine washable for easy maintenance.

The first stage pressure reducer, second stage lung demand regulator, and shoulder buckles share the same origin as our NIOSH CBRN SCBAs.

The Dräger PAS Colt utilizes the Dräger Panorama Nova full facemask with three-size-in-one technology.

DRÄGER PAS MICRO (PAS)

The Dräger PAS Micro is a 15 minute SCBA with the capability of adding a Supplied Air Respirator (SAR) connection, making it very versatile for working in hazardous environments. The harness has been constructed of flame, heat and chemical resistant materials that are anti-static and are easy to clean and maintain. The streamlined tangle free harness has been designed for mobility and is easy to don/doff.

The first stage pressure reducer, second stage lung demand regulator, and shoulder buckles share the same origin as our NIOSH CBRN SCBAs.

The Dräger PAS Micro utilizes the Dräger Panorama Nova full facemask with three-size-in-one technology.

ORDER INFORMATION

Dräger Colt SAR

Colt SAR with mask and Hansen Brass plug	40 57 628
Colt SAR without mask and Hansen Brass plug	40 57 629

Dräger PAS Colt

Colt 5-Minute with mask, Hansen Brass	40 57 539
Colt 5-Minute without mask, Hansen Brass	40 57 540
Colt 10-Minute with mask, Hansen Brass	40 57 541
Colt 10-Minute without mask, Hansen Brass	40 57 542
Installed Colt LP SAR Alarm, Hansen Brass	40 57 538

Additional SAR Fittings Available

Dräger PAS Micro

Micro SCBA Long Hose with mask	40 57 530
Micro SCBA Long Hose without mask	40 57 532
Micro SCBA Short Hose (with QD) with mask	40 57 531
Micro SCBA Short Hose (with QD) without mask	40 57 533
Installed Micro SAR with Hansen Brass	40 57 535



Dräger PAS Colt



Dräger PAS Micro

Reliable Solutions

ready when you need them.

Dräger Airline Respirators - Constant Flow

DRÄGER PENTAIR

The Dräger PentAir constant flow respirators are designed with comfort, protection and flexibility in mind. They can be used for in wide variety of situations like paint spraying, grinding, welding, and other non-IDLH applications.

The user has the choice of fixed flow, adjustable flow, or adjustable cool-flow valves. The adjustable valve allows the user to increase or decrease air flow to the mask. The cool-flow valve cools the air through a venturi and ideal for applications with elevated temperatures.

The Dräger PentAir uses the Dräger Panorama Nova mask that features the triple sealing edge that provides three-sizes-in-one mask and also offers the versatility of using the full line of Dräger NIOSH approved filter cartridges.



ST-0245-2007

ORDER INFORMATION

Dräger PentAir, Fixed Flow, with Panorama Nova Mask	40 55 168
Dräger PentAir, Adjustable Flow, with Panorama Nova Mask	40 55 170

Silicone masks, stainless steel airline connections, and other options and accessories are available for the Dräger Pent Air. Contact your local Dräger representative for more information.



Dräger Airline Equipment

DRÄGER AIRLINE HOSE

Maintain the NIOSH certification of your Dräger airline respirators by using approved Dräger airline hose. Choose from heavy-duty, light-duty hoses in lengths from 5 to 100 feet, and type of fitting required.

ORDER INFORMATION

Heavy-duty Airline with threaded connections

5-foot length	40 59 357
25-foot length	40 59 061
50-foot length	40 59 062
75-foot length	40 54 854
100-foot length	40 59 063

Light-duty Airline with threaded connections

5-foot length	40 57 757
25-foot length	40 57 761
50-foot length	40 57 762
75-foot length	40 57 764
100-foot length	40 57 763



CASCADE SYSTEM

Dräger can provide you with all the components needed to set up your supplied air respirator system. Our Cascade Breathing Air Systems are designed to provide breathing air for up to 4 airline respirators. Each system comes complete with: pressure reducer, dual pressure gauges, relief valve, low-pressure alarm, In-line check valves, and distribution manifold with 4 Hansen brass quick connects.

We also supply high and low pressure compressors and the associated accessories to fill your SCBA cylinders. Our custom designed cascade systems meet your individual breathing air storage and delivery requirements.



ORDER INFORMATION

Dräger 1 Cylinder System (up to 3000 psi), without cylinders	40 55 749
Dräger 3 Cylinder System (up to 3000 psi), without cylinders	40 55 461
Dräger 3 Cylinder System (up to 3000 psi), with cylinders	40 55 462

DRÄGER K-KART II

The Dräger K-Kart II transports compressed breathing air cylinders to remote locations. Using two 300 cubic foot compressed air cylinders, the Dräger K-Kart II delivers up to 1800 L/Min of air through 4 airline connections (< 125 psi). Air is regulated from the control panel that includes two easy to read pressure gauges, low pressure warning whistle, and four Hansen brass couplers.

The 4-wheel design makes it easy to maneuver in the workplace. An optional storage bin allows you to store respirators and associated equipment for the Dräger K-Kart II. Airline hose can be stored on either a single 300 ft reel or two 150 ft reels.

The Dräger K-Kart II supplies air for confined space entry and Haz-Mat operations and other industrial applications that require more of an extended air supplies than the Dräger Handy Pak or Rescue Pak.



ORDER INFORMATION

Dräger K-Kart II w/ 300-foot reel	40 55 327
Dräger K-Kart II w/ 300-foot reel and storage box	40 55 328
Dräger K-Kart II w/ (2) 150-foot reels	40 55 329
Dräger K-Kart II w/(2) 150-foot reels and storage box	40 55 330
K size cylinder with valve	40 59 331
Soft cover for Dräger K-Kart II	40 55 621

DRÄGER RESCUE AND HANDY PAK

The Dräger Handy Pak and Rescue Pak are versatile air supply systems. They can act as the primary air source, or when used with an external high-pressure air source, they serve as a backup for emergency egress.

Both systems can be used with 2 SCBA cylinders (2216 or 4500 psi) and are equipped with a low-pressure warning whistle. Pressure is regulated to four connections for airline respirators. The Handy Pak is lightweight and easily carried, whereas the Rescue Pak has wheels that make transportation easier. The Rescue Pak also contains a fifth air connection with a dedicated regulator that provides air for another respirator or pneumatic tools.

The Dräger Handy Pak and Rescue Pak are ideal for use in confined space entry; such as tank entry and cleaning, sewer maintenance operations, and other industrial applications. They are also applicable for emergency responders for use in extended Haz-Mat operations or the decontamination processes.

ORDER INFORMATION

Dräger Rescue Pak	40 53 977
Dräger Handy Pak	40 53 879
Cover for Dräger Rescue Pak only	40 55 257

See page 35 for available SCBA compressed air cylinders.



ST-9232-2007

Dräger Rescue Pak



ST-9231-2007

Dräger Handy Pak



Safety comes first: Dräger Airline Equipment

DRÄGER AIRLINE EQUIPMENT

Dräger's Air Filtration Panels provide Grade "D" breathing air to workers using supplied air respirators in hazardous or IDLH environments. The design allows you to connect plant air or a mobile air compressor as the primary source. The Dräger Air Filtration Panels filters particles, water vapor, oils, and odors that may be in the air. A built-in CO monitor ensures that the air is meeting grade "D" standards. The Dräger Air Filter Panels provide up to 50 CFM of breathing air through four airline connections or 100 CFM through eight airline connections.

Both versions include visual alarm and a loud (120 dbA) audible alarm and will also accept a remotely mounted alarm. They operate from 110 VAC and have a battery back-up in case of a power outage.

The Fixed version is to be permanently mounted to a wall or other stationary object. The Portable version is housed in an extremely rugged molded plastic case for easy transportation. The filters and CO monitor are protected inside while the airline connections are external to the case.

ORDER INFORMATION

Dräger Fixed Air Filtration System, 50 CFM	40 55 356
Dräger Fixed Air Filtration System, 100 CFM	40 55 357
Dräger Portable Air Filtration System, 50 CFM	40 55 563
Dräger Portable Air Filtration System, 100 CFM	40 55 564



ST-344-2007
Dräger Fixed Air Filtration System



ST-341-2007
Dräger Portable Air Filtration System



Setting the standard in respiratory protection.



Dräger Self-Contained Breathing Apparatus (SCBA)

DRÄGER PAS LITE®

Reduce downtime and increase productivity with this NIOSH approved SCBA. Easy assembly and disassembly, as well as non-absorbent, chemical-resistant materials make cleaning and maintaining the PAS Lite a snap. In a liquid permeability test, the PAS Lite scored 18 times better than traditional SCBAs. Strong, durable harness materials and carbon composite space frame and the same pneumatics as found in professional fire fighting breathing apparatus ensure the workers can count on the PAS Lite when they need it. The PAS Lite harness scored five times higher than standard harness materials on the Martindale test for durability. We utilized state-of-the-art pressure mapping technology to improve stability and reduce back strain, stress, and fatigue, as well as using a carbon composite space frame and non-metallic buckles to decrease the weight the wearer must carry. The PAS Lite is more than a pound lighter than its predecessor, the Dräger ProAir® Evolution. With no electronics, durable space frame and harness and the time you save maintaining your PAS Lite, the cost of keeping the apparatus functioning throughout its lifetime is minimal.



D-17037-2010

Dräger PAS Lite

ORDER INFORMATION

PAS Lite with integrated Lung Demand Valve (LDV)

PAS Lite – 2216 PSI	40 46 190
PAS Lite – 4500 PSI	40 46 191

DRÄGER PSS™ 3000

The NIOSH approved Dräger PSS™ 3000 is ideal for use in both industrial and mining applications. The fire-retardant ethylene-vinyl acetate harness is five times more durable and 18 times less permeable to liquids than traditional materials and is nearly 100% inert to chemicals. This makes cleaning quick and easy to get your SCBA back up and running.

The PSS™ 3000 also offers simple disassembly and reassembly to reduce time and effort required to maintain the unit.

The durability of this unit means fewer parts will need to be replaced, and the lack of electronics means no replacing batteries and reduce risks of failure, giving you an optimal cost of ownership.



D-38884-2011

Dräger PSS™ 3000

ORDER INFORMATION

PSS 3000 2216 PSI	40 46 195
PSS 3000 4500 PSI	40 46 196



D-250037-2010

Dräger PSS™ 5000 Self Contained Breathing Apparatus

The Dräger PSS™ 5000 SCBA is one of the most ergonomically advanced self-contained breathing apparatus carrying systems designed to date, giving firefighters increased comfort, safety, and performance.

A NEW GENERATION OF BREATHING APPARATUS

With a wide range of configurable options, the Dräger PSS™ 5000 provides comfort and versatility to meet the demands of first responders wherever breathing protection is required.

The Dräger PSS™ 5000 is designed not only to be comfortable, but also extremely rugged for harsh fire fighting environments and meets all of the National Fire Protection Agency (NFPA) 2007 Standards. Incorporating a rigid harness connected to a fixed-height back plate, state-of-the-art harness materials, and a pivoting waist belt help to keep the Dräger PSS™ 5000 in position in the commotion of a fire fight. For maximum protection, the Dräger Sentinel™ 7000 has an innovative, compact design that integrates the power supply and pressure sensor modules into the back plate, creating a balanced

weight distribution. The Dräger PSS pneumatics and cylinder strap design create SCBA support that's effective in virtually any application.

ADVANCED HARNESS OPTIONS TO SUIT YOUR WORKLOAD

The advanced Dräger PSS™ 5000 harness is made of a tough chloroprene rubber material, which is designed to withstand the high wear and tear that firefighters face daily, while still providing an enhanced level of comfort and functionality. Incorporating heavy-duty stainless steel buckles and long-life Aramid blend webbing, this harness is ideally suited for extended wear and frequent use.

ORDER INFORMATION

Dräger PSS™ 5000 Self Contained Breathing Apparatus	
PSS 5000 HP CGA w/ PSS 7000 LDV	40 46 182
PSS 5000 LP CGA w/ PSS 7000 LDV	40 46 183
PSS 5000 HP Quick Connect w/ PSS 7000 LDV	40 46 180
PSS 5000 LP Quick Connect w/ PSS 7000 LDV	40 46 181



D-250036-2010

Dräger PSS™ 5000



D-250035-2010

Dräger PSS™ 5000



Dräger PSS™ 7000 Self Contained Breathing Apparatus

The Dräger PSS™ 7000 is a new generation of SCBA that provides greater comfort, durability, and safety while meeting the world’s toughest standards for firefighting equipment. As such, the Dräger PSS™ 7000 is yet another example of one of the world’s largest SCBA manufacturer’s commitment to first responders.

SATISFYING THE MOST RIGOROUS EXPECTATIONS

The Dräger PSS™ 7000 was developed from scratch with the input of firefighters throughout North America. Combining the latest in electronics and materials, the Dräger PSS™ 7000 meets all of the National Fire Protection Agency (NFPA) 2007 standards – the most current edition of some of the world’s toughest standards for self-contained breathing apparatus.

As a result, the Dräger PSS™ 7000 is not only technologically advanced, it has been proven to satisfy the most rigorous demands of firefighting. Following are key features that distinguish the Dräger PSS™ 7000 as the state-of-the-art breathing apparatus for first responders.



D-256032-2010

Dräger PSS™ 7000

ORDER INFORMATION

Dräger PSS™ 7000 Self Contained Breathing Apparatus

PSS 7000 HP CGA w/ PSS 7000 LDV	40 58 653
PSS 7000 LP CGA w/ PSS 7000 LDV	40 58 654
PSS 7000 HP Quick Connect w/ PSS 7000 LDV	40 58 651
PSS 7000 LP Quick Connect w/ PSS 7000 LDV	40 58 652



Dräger FPS® 7000

FIELD OF VISION

The Dräger FPS 7000 face mask was designed to provide the firefighter with an exceptional unobstructed wide field of vision. The tough distortion free polycarbonate visor has an anti-scratch coating for protection. Incoming air enters the face mask via a unique one-way valve, distributing the air evenly over the inside of the visor, preventing fogging and cross contamination to the lung demand valve.

MASK BODY AND FIT

The FPS mask body is made of a durable EPDM rubber material providing an excellent facial seal with outstanding comfort. The unique triple sealing edges on the FPS 7000 face mask (industry first) follows the contour of the firefighters face providing an excellent seal. Three size face masks and inner masks now guarantee a perfect fit to any firefighter. Ergonomically designed, the quick donning head harness forms to the shape of the head to provide excellent comfort and support of the mask to the face.

DRÄGER FPS 7000 HUD SYSTEM

The Dräger FPS 7000 HUD System, is a wireless Heads-Up-Display (HUD) that meets the rigorous demands of NFPA 1981-2007 edition. The transmitter for the Dräger PSS 5000 and 7000 series SCBA's is integrated within the backplate electronics and quantitatively measures the air pressure in the SCBA cylinder. Pressure information is sent to the HUD system and displayed through a series of lights which indicate air pressure and alert signals. The user is kept continuously updated as to the quantity of air remaining in their SCBA air cylinder by the Dräger FPS 7000 HUD System.



D-10572-2011

Dräger FPS-COM-PLUS



D-10547-2011

Dräger FPS-COM-PLUS
Side view

DRÄGER FPS 7000 SERIES ORDER INFORMATION*

	Material	Size	Visor	Adaptation	Order No.
		(mask/inner mask)		System	
Dräger FPS 7000	EPDM	M2	PC	CR	R 56 424
	EPDM	S1	PC	CR	R 56 507
	EPDM	L3	PC	CR	R 56 628

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

PC- Polycarbonate



Dräger FPS-COM-PLUS

DRÄGER FPS-COM-PLUS

Because there is no time for misunderstanding in an emergency: clear audibility by voice amplifier or radio – even under extreme conditions is a must. The Dräger FPS-COM-PLUS is an integrated communication unit for the Dräger FPS 7000 full face mask. The microphone of the FPS-COM-PLUS picks up the wearer's voice inside the mask. The newly applied digital noise reduction technology filters out any interference that may reach the microphone inside the mask or any acoustic feedback that may occur.

HIGH RELIABILITY, LOW COSTS

You forgot to turn off the FPS-COM-PLUS after work? Not a problem: the communication unit shuts off automatically if no breathing sounds are received by the microphone for at least ten minutes (after a pre-notification signal). The automatic shutoff, increases battery life, lowers maintenance costs, and ensures the equipment is ready for use when needed.

EASY MAINTENANCE

With the newly developed click-lock system, the FPS-COM-PLUS is attached and removed in just a few steps. When cleaning the mask manually the communication unit does not need to be removed, due to the fact that the FPS-COM-PLUS is IP67 (meaning the unit is protected against the ingress of water or humidity).

PERFECT FIT FOR SPEECH CLARITY

The flexible gooseneck earpiece of the FPS-COM-PLUS can be positioned to suit your preference – for a perfect fit and excellent audio quality.

ORDER INFORMATION

Dräger FPS-COM-PLUS VA	R 58 818
Dräger FPS-COM-PLUS VA R-C Waris	R 58 820
Dräger FPS-COM-PLUS VA R-C Jedi	R 58 821
Dräger FPS-COM-PLUS VA R-C Nexus	R 58 822

Dräger SCBA Components and Accessories

DRÄGER PSS 7000 LUNG DEMAND VALVE (LDV)

Certainty in uncertain times; that's what Dräger offers with its CBRN approved Dräger PSS 7000 and PSS 5000 which enables these units to withstand extremely high concentrations of Weapons of Mass Destruction agents. The LDV cover is extended to fit tightly against the exhalation cover. This allows exhaled air to flush over the back of the diaphragm, removing any toxic agents that may be present.

ORDER INFORMATION

PSS 7000 LDV-CBRN Rated & Approved	33 55 679
Locking LDV Holder	33 57 527



DRÄGER PSS 7000 CYLINDER QUICK DOCKING SYSTEM

Dräger's Cylinder Quick Docking system allows firefighters to easily connect cylinders on the backplate in less than 10 seconds.



DRÄGER RAPID INTERVENTION CREW UNIVERSAL AIRLINE COUPLING (RIC UAC)

The NFPA 1981 standard for SCBA, calls for all approved SCBAs to be equipped with a Rapid Intervention Crew Universal Airline Coupling (RIC UAC). The RIC UAC allows the connection of a secondary air source to rescue downed firefighters. The fill lines will supply air to any SCBA manufacturer's RIC UAC. All Dräger NFPA SCBA's come standard with an RIC UAC.



DRÄGER AIRBOSS® RIT LIFE GUARD

Rapid Intervention Teams require specialized and rugged equipment to rescue victims or downed firefighters. The Dräger AirBoss® RIT LifeGuard will accommodate your choice of a 30, 45 or 60 minute 4500 psi cylinder in a heavy-duty, padded and fire resistant, cordura bag. Air is delivered by the same high-performance pneumatics found on the Dräger AirBoss® SCBA delivering in excess of 1000 liters/minute if needed. The cylinder is wrapped in a rugged Cordura bag with two large storage pockets and 2 "D" rings to attach other equipment.



ORDER INFORMATION

AirBoss® LifeGuard	40 56 460
Includes: Carrying bag, 3 ft. medium pressure version hose with female coupling and first stage pressure reducer (without cylinder). See page 32 for available cylinders.	

For use with the SCBA's RIC UAC

5 ft. high pressure fill line without gauge	40 57 070
10 ft. high pressure fill line without gauge	40 57 069
5 ft. high pressure fill line with gauge	40 57 068
10 ft. high pressure fill line with gauge	40 57 067

For use with both Medium Pressure and RIC UAC

Dual line without whistle with bag	40 57 452
Dual line without whistle pneumatics only - no bag	40 57 448
Dual line with whistle with bag	40 57 454
Dual line with whistle pneumatics only - no bag	40 57 450

DRÄGER MULTI-LINK AUXILIARY AIRLINE SYSTEM

Dräger offers the new Multi-Link Auxiliary Airline System in 20-inch and 40-inch line lengths which provides increased versatility and safety. Attaching directly to the first stage reducer, the Multi-Link system features a unique easy to use Y piece with female and male CEJN fittings. This unique configuration allows rapid connection to either an air-line source i.e. RIT pack or in extreme emergency cases to another Multi-Link Auxiliary Airline. A Nomex pouch is provided with the system and attaches to the waist belt for convenient storage and easy retrieval.



ORDER INFORMATION

Dräger Multi-link Buddy Breather Pouch	40 58 231
Dräger Multi-link Buddy Breather 20" with Pouch	40 58 602
Dräger Multi-link Buddy Breather 40" with Pouch	40 58 601

Dräger SCBA Components and Accessories

DRÄGER COMPRESSED AIR CYLINDERS

Dräger offers SCBA cylinders in different sizes and construction to meet the demands of different applications. Cylinders are offered in 2216 (low pressure) and 4500 psi (high pressure) operating pressures. Durations of 30, 45 and 60 minutes (at 40L/min breathing rate) are available. Choose from aluminum or light weight carbon fiber full-wrap construction. SCBA cylinder valves are constructed of anodized aluminum with a built in bumper protector. The valve gauge is double sided with a luminescent gauge face for easy readability. Custom labeling is available on carbon fiber full-wrapped cylinders. Contact a Dräger representative for details.

ORDER INFORMATION

Cylinder, 2216 psi, 30-minute, Aluminum	40 54 856
Cylinder, 2216 psi, 30-minute, Carbon Fiber, Full-wrapped	40 55 701
Cylinder, 4500 psi, 30-minute, Carbon Fiber, Full-wrapped	40 55 700
Cylinder, 4500 psi, 45-minute, Carbon Fiber, Full-wrapped	40 55 698
Cylinder, 4500 psi, 60-minute, Carbon Fiber, Full-wrapped	40 55 699



DRÄGER 5-PULL NOMEX HAIRNET FOR THE DRÄGER FPS 7000

The Dräger 5-pull hairnet offers comfort and fit. Constructed of Nomex, the body of the hairnet will not stretch and mis-shape over time. Elasticized straps permit fast donning and doffing while the 4-pull adjustment allows for a more comfortable fit. The 5-pull adjustment also maintains a better seal and therefore a better fit. Replacement straps are also available.

ORDER INFORMATION

Dräger 5-Pull Nomex Hairnet

R 56 197



DRÄGER SCBA CASES

Dräger offers two types of cases to protect the SCBA; a hard-sided orange case and a soft-sided duffel bag. The highly visible, high density polyethylene orange case protects the SCBA (Dräger AirBoss® Series only) from environmental conditions and impact. A wall mount kit for this case is available. The black cordura nylon duffel bag offers a padded bottom to cushion the SCBA (Dräger PSS 7000 and Dräger AirBoss® Series) during transit. The duffel bag is perfect for local transport as well as training.



ORDER INFORMATION

Rigid Orange for SCBA (AirBoss® Series only)	40 54 929
Blue Duffel Bag for SCBA (all SCBA's)	40 54 934
Black Duffel Bag for SCBA (all SCBA's)	40 57 795
Wall Mount for SCBA Case	40 54 980



Dräger Thermal Imaging Cameras

Thermal imaging cameras from Dräger are invaluable tools that aid personal navigation when fire, smoke, and darkness create a challenging and dangerous environment. These innovative cameras are designed to help emergency responders navigate difficult settings, locate persons and hotspots, and protect personal safety.

The new Dräger UCF TIC II thermal imaging cameras (UCF 6000, 7000 and 9000) set a new standards in safety, reliability, ease of use, and operational support in demanding emergency settings. The new camera line is equipped with innovative features designed to meet the requirements of today's professional emergency response personnel. Easy to use, extremely durable and delivers excellent image quality. The Dräger UCF 7000 and 9000 cameras come with application specific modes that will enhance image clarity and increase the cameras capabilities. While both the UCF 7000 and 9000 are UL approved intrinsically safe, the UCF 9000 has an ultra high resolution picture of 384 X 288 and also has a host of unique features that will allow the user to utilize this tool in many different applications.

DRÄGER UCF 6000, UCF 7000 & UCF 9000 ADVANTAGES MEETING YOUR NEEDS:

- Small, light and extremely robust.
- Ergonomic design for comfortable handling and optimum operability with a true one handed operation.
- Latest Micro IR technology a-si (Amorpeous silicon).
- Direct temperature detection in numerics and has a color reference bar on the display
- Battery life of 4 hours.
- Truck charging unit for the direct and simultaneous charging of the camera and a replacement battery.
- Laser pointer that can be used to point out hazards or to communicate with other team members
- Automatic stand-by mode that will increase your battery life by 50%
- Automatic display brightness to allow the image to clearly be seen in all environments
- Wide field of view of 47° on the UCF 6000/7000 and 57° on the UCF 9000
- Fully customizable through the software that comes with the unit
- 2 year warranty



D-15169-2010

Dräger UCF 6000
the lightest, compact most innovative microbolometer camera



D-7287-2010

Dräger UCF 7000
the lightest, compact most innovative microbolometer camera



DRÄGER UCF 7000 & UCF 9000 ADVANTAGES

- UCF 7000 and 9000 are UL approved intrinsically safe (class 1 Division 2)
- Application specific modes that allow cameras to be used in multiple applications
- Thermal Scan Feature that will highlight a set temperature threshold
- 2X zoom
- Blackbox feature that will record up to 2 hours of video that can be downloaded using the computer software

DRÄGER UCF 9000 ADVANTAGES

- Color video on the UCF 9000 will allow the user to use a video camera in a hazardous environment.
- The UCF 9000 has the video playback feature that allows the user to playback the video instantly right on the camera display.
- 384 X 288 resolution for the clearest picture
- 4 additional application modes that allow the cameras to be used in Hazmat, search and rescue and other additional applications
- Comes equipped with 2X and 4X zoom

ORDER INFORMATION

Dräger UCF 6000 (50 Hz)	83 21 127
Dräger UCF 7000 (50 Hz)	83 21 125
Dräger UCF 9000 (50 Hz)	83 21 225

Truck Kits

Dräger UCF 6000 Truck Kit (50 Hz)	40 59 428
Dräger UCF 7000 Truck Kit (50 Hz)	40 59 429
Dräger UCF 9000 Truck Kit (50 Hz)	40 59 444

Accessories

Neck strap	83 23 031
Retractable lanyard	83 23 032
Hand support loop	83 23 033
Li-ion battery (with UL-approval)	83 23 075
Battery charger	83 21 247
Power supply for charger	83 16 994
Vehicle installation kit (bracket and 12-30 V-cable)	83 21 253
12 V-power supply	83 16 994



Dräger CPS 5900

The Dräger CPS 5900 is the ideal single exposure, gas-tight chemical protective suit for hazmat incidents. Where complete protection against hazardous gases, liquids and particles is of the utmost priority, this lightweight garment is the suit of choice.

THE RIGHT LEVEL OF PROTECTION

The Dräger CPS 5900 provides excellent protection against a broad range of industrial chemicals as well as warfare agents. Specifically designed for applications such as when taking measurements or transferring hazardous substances in non-explosive atmospheres. The CPS 5900 chemical protective suit is approved to NFPA 1994, class 2 and other international standards. As a result, it fulfills the most demanding requirements of fire fighters and industrial users for single exposure, level A suits.

OFFERING EVEN MORE COMFORT

Featuring the new Dräger level A design, the Dräger CPS 5900 offers improved ergonomics and optimized compatibility with various types of personal protective equipment including the latest breathing apparatus and other forms of PPE. Each seam has been sewn and then hot-air taped internally and externally. The material and production quality allow for a ten-year shelf life.

MEETING YOUR NEEDS:

- New Dräger design for maximum wearing comfort
- Wide front entry on left side for easy donning and doffing
- Double flap zipper protection
- Flexible and foldable two-layer visor offers almost natural field of vision
- Fixed gloves combine butyl outer with laminate inner lining for increased protective against chemicals and punctures
- Kevlar over-glove for additional cut protection
- 10 year shelf life
- Integrated waist belt for size adjustment



Dräger CPS 5900

ORDER INFORMATION

CPS 5900 size S, Body height from 4'11" to 5'5"	R 57 781
CPS 5900 size M, Body height from 5'3" to 5'9"	R 57 782
CPS 5900 size L, Body height from 5'7" to 6'1"	R 57 783
CPS 5900 size XL, Body height from 5'11" to 6'7"	R 57 784
CPS 5900 size XXL, Body height from 6'5" to 6'11"	R 57 785



Dräger CPS 7900

Tailor-made for use under extreme conditions: The heavy duty level A suit Dräger CPS 7900 provides excellent protection against industrial chemicals, biological agents, and other toxic substances. Its innovative material qualifies the CPS 7900 equally well for work in explosive areas and for handling cryogenic substances.

PROTECTION IN A CLASS OF ITS OWN

The Dräger CPS 7900 was developed to protect its wearer against various threats during operations with unknown hazmats. The suit material D-mex™ offers unique chemical resistance as well excellent protection against mechanical effects, liquefied gases, and flash fires. The Dräger CPS 7900 meets and exceeds the requirements of international standards of fire departments, search and rescue organizations, and industry including NFPA 1991, class1. Furthermore, the suit was designed and developed in close cooperation with fire fighters and officers the world over and fitted to their needs and requirements. Its properties and accessory options offer the highest degree of safety and a level of wearing comfort that is in a class of its own.

D-MEX: 5-FOLD SAFETY

The suit's innovative and unique material called D-mex™ consists of five layers. A tear-proof textile makes up the middle layer. An especially sturdy elastomer layer as well as a barrier layer resistant to

chemicals is on the inside as well as the outside. This allows the suit to retain its full protective capacity even when the material on the outside becomes damaged. Its electrostatic properties makes it possible to use the suit in explosive atmospheres. If a spark occurs in spite of this remarkable fabric, the flame retardant and self-extinguishing material protects its wearer from serious burns. The flexibility of D-mex™ even makes it possible to handle liquefied gases such as ammonia at a contact temperature of -80 °C or 112 °F.

MEETING YOUR NEEDS:

- New Dräger design for maximum wearing comfort
- Wide front entry on left side for easy donning and doffing
- 15 year shelf life
- Wide field of view anti-fog visor
- Field replaceable glove combination
- NFPA 1991 approved
- Excellent cut and tear proof material that you would expect from a heavy duty suit
- Long permeation time against most known chemicals and warfare agents



Dräger CPS 7900

ORDER INFORMATION

CPS 7900 size S, Body height from 4'11" to 5'5"	R 58 351
CPS 7900 size M, Body height from 5'3" to 5'9"	R 58 352
CPS 7900 size L, Body height from 5'7" to 6'1"	R 58 353
CPS 7900 size XL, Body height from 5'11" to 6'7"	R 58 354
CPS 7900 size XXL, Body height from 6'5" to 6'11"	R 58 355
CPS 7900, Fully customized suit	R 29 500



ST-13880-2010



ST-13880-2010



ST-13880-2010

Proven reliability and safety by design.

Dräger PSS™ BG 4 closed-circuit breathing apparatus

The Dräger PSS™ BG 4 is a closed-circuit breathing apparatus that supplies the wearer with safe breathing air for up to 4 hours in IDLH environments. The closed-circuit design of the BG 4 is sometimes referred to as a “rebreather”. The exhaled air is passed through a canister that “scrubs” the carbon dioxide from the wearer’s breath. The dosage system on the cylinder constantly replenishes the scrubbed air with a supply of pure oxygen. As the user’s breathing rate increases, additional oxygen is automatically added into the breathing circuit. The Dräger PSS™ BG 4 maintains positive pressure in the breathing circuit to protect contaminants from entering into the system.

With its reinforced carbon fiber shell, the Dräger PSS™ BG 4 is extremely robust and able to withstand even the toughest applications. The low profile makes it easy to use inside chemical protective suits. The ergonomic backpack and padded straps make the unit comfortable to wear for extended durations.

Many of the applications in which the Dräger PSS™ BG 4 is used are long duration missions that last over many hours or several days, the system can be turned around quickly and used again. The Dräger

PSS™ BG 4 is built on a modular system that allows the breathing apparatus to be easily disassembled, cleaned, replenished and quickly returned to service. The Sentinel is a fully integrated monitoring device that is now standard on all BG 4’s. The sensor continuously measures the pressure in the oxygen cylinder. The Sentinel automatically calculates and displays real time to low pressure alarms based on the user’s actual consumption rate. The integrated warning device alerts the wearer with two high-intensity flashing lights and attention demanding (>95 dBA) audible alarm.

All data is recorded and stored in the Sentinel 7000 (time/date, cylinder pressure, breathing rate, alarm activation and thermal absorption temperature) and can be downloaded at a later time.

The Dräger BG 4 is ideally suited for longer duration operations such as Domestic Preparedness, Haz-Mat response, mine/tunnel rescue, and other operations where the duration of a conventional SCBA is not enough to complete the mission. The Dräger BG 4 meets the needs of the toughest and longest assignments.information.



ST1684-2003

ORDER INFORMATION

PSS BG 4, 4-hour Positive Pressure Closed Circuit Breathing Apparatus with Sentinel II	40 57 380
PSS BG 4, 4-hour Positive Pressure Closed Circuit Breathing Apparatus with Sentinel II, complete with Mask, L.W. Carbon Cylinder and Valve, and black Pelican Case	40 57 227
PSS BG 4, 4-hour Positive Pressure Closed Circuit Breathing Apparatus with Sentinel II, complete with FPS 7000 Hydration Mask, L.W. Carbon Cylinder and Valve, and black Pelican Case	40 58 823

Dräger Accessories

DRÄGERSORB®

DrägerSorb® is used to absorb carbon dioxide (CO₂) in breathing air for firefighting, rescue and mining applications.

DrägerSorb® has the following characteristics:

- High abrasion resistance and reduced dust formation even under high dynamic stress.
- Large active inner surface ensuring a high absorption capacity for acidic gases.
- Uniform filling of the absorbent cartridges meaning a reproducible absorption.
- Low breathing resistance due to the hemispherical pellet form and optimum packing density.

ORDER INFORMATION

DrägerSorb 400,40 Lb Keg

67 37 985



ST-4846-2005

DRÄGER ANTI-FOG/CLEAR PILOT

Dräger Anti-Fog is used on any Dräger facepiece where fogging of the lens may be an issue. The Dräger "Open Circuit SCBA" have never been plagued by facepiece fogging due to the flushing delivery of the air from the Lung Demand. The Dräger Rebreathers, Dräger BG 4 or 174 have long used Dräger Anti-Fog. The long duration and the physical characteristics of exhaled breath have ensured a need for Dräger Anti-Fog lens treatment. Dräger Anti-Fog is designed to reduce the amount of fogging generated within a Rebreather facepiece during a long duration exercise. Proper application of Clear Pilot will ensure maximum protection and clarity of the facepiece lens.



D-23537-2009

ORDER INFORMATION

Anti-Fog Clear Pilot "Super

R 56 542

Dräger Test Equipment

DRÄGER AEROTEST KITS

The Dräger Aerotest Kits allow you to measure the quality of breathing air on the spot. The kits come complete with Dräger-Tubes® for measuring CO, CO₂, oil mist and water vapor. There are two Dräger Aerotest kits available, the “Alpha”, for measuring low-pressure air sources such as those used for supplied air respirators and the “HP”, a high-pressure kit that can be connected directly to compressors or cylinders. The Simultaneous test manifold allows all four gas and vapor tests to be run at the same time that results in a very short analysis time (< 5 min). Additional gases and vapors can be measured with the accuro® Pump and Dräger-Tubes®.



ORDER INFORMATION

Aerotest Simultan Alpha (< 175 psi)	40 56 747
Aerotest Simultan HP (< 4500 psi)	40 55 986
Aerotest Level A (<=150 psi), complete	40 54 001
Aerotest Simultan Alpha (<=175 psi), complete	40 56 747
Aerotest Simultan HP (<=4500 psi), complete	40 55 986
Aerotest Simultan HP + P Navy (<=4500 psi), complete	65 25 960
Aerotest Simultan Alpha (<=175 psi), complete	40 56 747
MultiTest (<=75 psi), complete	40 56 181
Simultan Test CO ₂ , complete	40 56 849

DRÄGER QUANTIFIT

The Dräger Quantifit is a Quantitative Mask Fit Tester. It is a highly specialized instrument which utilizes the scientifically proven and patented “CNP” (Controlled Negative Pressure) technology to measure respirator leakage directly. The Dräger FitTester 3000 is now written into the Federal Regulations governing fit testing (29 CFR 1910.134). The CNP based fit tester has a +/- 3% flow measurement capability. Its increasing level of precision and repeatability, achieved with the “CNP” technology enables very accurate testing respective of the environment or human variables.



ORDER INFORMATION

Quantifit without printer	40 57 110
Quantifit 3000 with printer	40 57 051
Quantifit Adapters	
40mm Threaded Masks	40 56 318
Positive Pressure Masks	40 56 319
X-Plore® Twin Filter Masks	40 57 023
P100 for threaded & positive pressure masks	40 55 497

DRÄGER RZ-50E TEST SET

The RZ-50e Test Set is an economical combination test set that analyzes all of the functional parameters and mask leak tightness of the Dräger BG 4 Closed Circuit Breathing Apparatus. The Electronic Flow Meter and Electronic Pressure Gauges provide accuracy in these tests. The Dräger RZ-50e is compact and portable and tests all functions of the BG 4 quickly and easily. The RZ-50e assures the user that the BG 4 is ready to safely don and use.

The RZ-50e Test Set tests the following parameters of the Dräger BG 4:

- Mask leak tightness and low pressure warning threshold
- Inhalation and exhalation valves, as well as drain valve and by-pass valve test
- Positive pressure leak test and high pressure leak test
- Constant dosage and minimum valve and relief valve activation
- Complete Monitron system check



ST-8807-2007

ORDER INFORMATION

RZ-50e Tester	4056732
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DRÄGER TEST-IT 6100

The Dräger Test-it 6100 is a portable compact test device designed specifically for testing your closed circuit breathing apparatus (CCBA). Including all required accessories e.g. adapters and hoses for the Dräger PSS BG 4 - compact in suitcase design - it offers reliable quality at an affordable price combined with low operating costs. Dräger Test-it 6100 offers testing of all functions of your CCBA. The housing is robust and splash-proofed to category IP 64. A power supply is included with the device.



ST-7503-2005

ORDER INFORMATION

Dräger Test-it 6100	AG 02 690
Mask Leak Test Kit BG 4	40 56 567

Training and Support for your Dräger protection and detection equipment.



DrägerService

Let DrägerService provide expert care for your respiratory protection equipment. Dräger has strategically located Service Centers across North America in Pittsburgh PA, Carson CA, Pasadena TX, Richmond BC, Dartmouth NS, Mississauga ON, Sudbury ON, Montreal PQ, Edmonton AB, and Queretaro, Mexico. Services are available at these locations or on-site.

DrägerService supports with a full range of technical services including gas calibration, maintenance, upgrades and repairs. Services can be arranged on an as needed basis, or through maintenance agreements and service contracts. Dräger's all-encompassing Total Care Packages provide all services, including loaner units when needed.

DRÄGER TRAINING

The best safety equipment is only as good as the knowledge of those who use it. Let Dräger train your staff on the proper use and maintenance of all of our products. We offer both operator and technician level courses at our service facilities or at your site. Students are provided with the appropriate training materials such as posters, videos, CDs, books and/or schematics depending on the training given. All courses are available with certification.

DRÄGER RENTAL

For many applications and situations, purchasing gas detection or respiratory protection equipment may not be the most efficient or cost-effective solution. The complete range of Dräger products are available for rental. We offer competitive pricing; convenient daily, weekly or monthly terms; expertly maintained equipment; and Rent-to-Own options.

DRÄGER SUPPORT

Our worldwide experience obtained from many different industries, applications, and environmental conditions are available to all Dräger customers. The Technical Services staff in Pittsburgh can assist you through the challenges and questions you may encounter in your application and recommend the proper equipment for the job at hand.

Dräger Swede Survival

Build knowledge, experience and confidence by feeling the real heat and conditions of a fire in the Dräger Swede Survival live fire training systems.

LIVE FIRE TRAINING IN WOOD-FUELED CLASS "A" CONTAINER SYSTEMS

Today's synthetic building materials have increased the dangers of modern fire fighting. As a result, it is more important than ever for fire fighters to understand how to interpret and predict fire behavior in different scenarios. Dräger Swede Survival provides firefighters with a way to observe and experience the intense conditions of real fire scenarios in a controlled environment. This portfolio consists of five different phases that represent five unique training scenarios. Each one of these live fire training systems provide a cost effective way to build the confidence and knowledge of firefighters. When all of these

phases are combined, it creates a flexible and comprehensive training program with value for veteran and novice firefighters alike.

COMPLEMENTARY TRAIN-THE-TRAINER PROGRAM

Every Dräger Swede Survival System comes with a complementary Train-the-Trainer program. These in-service training programs are conducted by certified Fire Service instructors who have conducted a minimum of 100 live fire training evolutions in a Dräger Swede Survival System. This training program ensures that instructors are properly trained to operate Swede Survival Systems safely and effectively.

SWEDE SURVIVAL PHASE I: FLASHOVER OBSERVATION

The Phase 1 system is essentially a laboratory, where fire behavior and flashover can be observed three feet below the fire floor. Instructors can demonstrate basic fire behavior while the fire is not influenced by artificial or individual factors. This is the most cost effective and realistic training available. This container is an excellent defensive training system that will provide firefighters hands on training in a safe setting. The Mobile Phase I system is trailer mounted and to make the system easy transportable.



Training in the Phase I

- Different phases of the fire and fire behavior
- Recognition of pre-flashover conditions
- High pressure, low pressure zones
- Rollover and flashover
- Limitations of PPE

SWEDE SURVIVAL PHASE II: INTERIOR ATTACK

The Phase II systems builds on the principles learned in the Phase I. the trainees are on at the same level of the fire floor and take a more active roll in recognizing the rooms fire condition, advancing a hose line, applying nozzle patterns and ventilate fire gases through hydraulic ventilation method. The Mobile Phase II system is trailer mounted and eligible for the AFG grant program.



Training in the Phase II

- Entering, evaluation, advancing
- Find the seat of the fire
- Start ventilation
- Container operations
- Recognition of pre-flashover conditions

SWEDE SURVIVAL PHASE III: BACKDRAFT

The Phase III system is a demonstration system only. NO one enters this container. Students are able to observe the external signs of a pending backdraft. The instructor can point out the fire behavior and smoke conditions prior to the backdraft.

Training in the Phase III

- Puffing and pushing smoke
- Smoke being sucked back into the fire room
- Expansion of smoke
- Backdraft
- Fireball out the front door 20 ft. or more



SWEDE SURVIVAL PHASE IV: GARAGE

The Phase IV system is basically two 20-foot containers that have been put together with the center wall removed. It provides a more realistic room size fire floor. There is a smaller 20-foot container that is attached that provides a non-involved fire room that is charged with smoke and heat that leads to the involved fire room.

Training in the Phase IV

- Enter tactics and techniques Rescuing
- Suppression
- Ventilation
- Rapid Intervention Teams (RIT)



SWEDE SURVIVAL PHASE V: MULTI-STORY SYSTEM

The multi-story training system shall consist of two important parts. The combination of the unique construction of the enclosure and the training curriculum shall provide invaluable training to firefighters. The system shall provide firefighters with an opportunity to gain tremendous insight into complexities inherent in multi-story, multi-fire involved structural fire situations.

Training in the Phase V

- Burn room on different levels
- Multiple entry tactics and techniques
- Search and rescue operations
- Exterior and interior stairwells
- Smoke signs in multi-story buildings



Realistic reliable and safe.



D-31371-2011



D-57046-2012



D-57063-2012

Dräger Fire Training Systems

LIVE FIRE TRAINING IN PROPANE FUELED CLASS 'B' SYSTEMS

Real fire fighting situations are not the time to get used to stress, heat and smoke. Lack of realistic preparation can lead to mistakes and grave consequences. Dräger understands that today's fire service needs sophisticated training systems that allow fire fighters to train and refine their skills in realistic scenarios. Class 'B' propane-fueled training systems offer an ideal way to practice key fire attack strategies in a controlled and intelligent environment. Dräger's series of training systems allow instructors to maintain absolute control of each training exercise. This control ensures that students are being challenged by dynamic scenarios and getting the most value out of every training exercise.

IN SERVICE TRAINING AND MAINTENANCE

We offer both in-service and refresher training for your operating personnel and make use of our established service network to manage the maintenance of your fire training system after installation. Should your training goals change, we are at your side to support, advise and assist you in matters relating to the expansion or alteration of your system.

SYSTEMS INCLUDE:

TUTOR

- Mobile solution for basic fire extinguisher training

System 64

- Creates flexible exterior fire scenarios with a mobile 6' x 4' fire platform

QUAD

- Perform advanced exterior fire attack with sophisticated burn props

Car

- Maintain control of car fire training scenarios with wireless controls

Container

- Create interior fire scenarios with cost effective container configurations

Interior

- Add realistic burn props to new or existing training buildings

SCBA Confidence Maze

- Teach fire fighters to maneuver through confined areas with an SCBA

MLFTU: Mobile Live Fire Training Unit

- Simplify training logistics with a mobile containerized system

DRÄGER TUTOR

The Dräger TUTOR is specifically designed as a mobile fire extinguisher training tool. Like all Dräger Class 'B' training systems, the TUTOR utilizes a water bath technology to generate a realistic flame that gives students a valuable learning experience. The stainless steel construction also makes the system extremely durable, so the TUTOR will be a valuable training investment for years to come.

Different training props are available to simulate other fire scenarios, such as:

- Waste Basket
- Electric Motor
- Flammable storage locker
- Range top



DRÄGER SYSTEM 64

The Dräger System 64 is a sophisticated mobile live fire training platform. It combines the intensity and realism of the QUAD with the lightweight mobility of the TUTOR. Like the QUAD, System 64 features independently operated burn zones and an auxiliary line, which allows trainers to create realistic and dynamic fire scenarios. This product is also lightweight and designed to fit into the bed of a standard pick-up truck. All System 64 burn props can be interchanged by hand.

Available props:

- Vertical Bottle Prop with auxiliary relief valve
- Portable Car
- Horizontal 'AST' Tank
- Flammable Storage Locker
- Christmas Tree
- Shipping Pallet Fire



DRÄGER QUAD

The Dräger QUAD takes exterior live fire training to the next level. This stationary training system features four separate burn zones that utilize water bath technology and two auxiliary lines. The burn zones can be operated simultaneously to produce a high volume of intense flame or independently to create a dynamic fire progression scenario. This flexibility allows responders to practice a wide variety of advanced exterior fire attack tactics.

Available props:

- Pallet with boxes
- Propane Storage Locker
- 250 gallon vertical propane tank
- 500 gallon horizontal fuel tank



DRÄGER CAR

The Dräger CAR provides a safe way to replicate various types of vehicle fires. Since the CAR has three separate two-stage fire zones, trainers can set up multiple scenarios or demonstrate fire progression. Other features such as operational hood, trunk and doors make the CAR both realistic and interactive.

The simulator makes use of vapor and liquid propane to fuel three separately controlled two-stage fires.

- Engine Fire
- Passenger compartment fire
- Trunk compartment fire



DRÄGER INTERIOR

Dräger offers a comprehensive variety of interior fire scenarios - in a safe and realistic design. Our highest priority is to provide innovative controls and monitoring feature for the safety for the trainee. Ventilation, temperature and gas level monitors and emergency stop conditions are all integral parts of our design. Flame heights are adjustable to increase the challenge to the trainees.

Scenarios include

- Kitchen fire, residential or commercial
- Double bedroom fire
- Multi-prop fire
- Wall fire
- Rollover
- Spill fire



DRÄGER CONTAINER

The Dräger Containerized Live Fire Training Systems is combine sophisticated interior burn systems with low cost shipping containers to create a modular and cost efficient alternative to an engineered burn facility. Standard Containerized systems are available in one or two story configurations, but they can also be custom designed to meet your unique training requirements. Additional features like windows, hatches, stairs, ladders and roof props further enhance the value of each training scenario.

Features

- Same scenarios as Interior Systems above
- Touch screen or switch mounted control panels
- Wireless remote pendants
- Smoke Generation
- Limited Site preparation requirements
- Modular expandable
- Can be moved and re-installed





D-5157-2009

DRÄGER MOBILE LIVE FIRE TRAINING UNIT (MLFTU)

Many of the benefits of a Dräger Containerized system can also go on the road with the Dräger Mobile Live Fire Training Unit (MLFTU). This mobile training system minimizes site preparation requirements and allows you to take your training where it is needed. The MLFTU is also eligible for AFG grants, which makes this top of the line training system easy to afford.



D-57043-2012

Common features include

- Multi-prop fires
- Kitchen fire
- Bed/Couch fire
- Rollover

Additional props available: Electric motor, gas bottle rack, hazardous material cabinet and others as requested.

SCBA CONFIDENCE MAZE

Fire fighting requires responders to use SCBAs in dark, stressful and confining conditions. Although a valuable life-saving tool, an SCBA can add to that stress if a user is not familiar with the technology. Dräger SCBA Confidence Mazes ensure that fire fighters are prepared to handle the added weight and bulk of a breathing apparatus in realistic fire response conditions.



ST-44-2007

Common maze options and obstacles

- Available in Stationary or mobile configurations
- Pipe prop
- Various hatch door props
- Sliding dead-end wall prop
- Entanglement prop
- Angled, horizontal and vertical half panels



Dräger Gas Detection Products

Whether you are entering confined spaces, monitoring employee exposures, determining what level of respiratory equipment is required, or identifying unknown chemicals at a HazMat scene, Dräger has the gas detection equipment you need.

DRÄGER-TUBES®

The Dräger-Tube® system is the most popular form of gas and vapor measurement in the world. The system is easy to use, produces quick results, and offers the most comprehensive (over 1000) choice of hazards detected. Most Dräger-Tubes® are designed to measure in the TLV range and are used for monitoring employee exposures or selecting the proper respiratory protection. Other tubes measure an entire chemical family and are used for identifying an unknown substance in emergency response situations. Dräger-Tubes® are also used for measuring indoor air quality, contaminants in process gases, fugitive emissions, and in a wide variety of other gas detection applications.



DRÄGER-CMS®

The Dräger-CMS® is an electronic version of the ever-popular Dräger-Tube®. It consists of a measuring "Chip" and Analyzer. The simple three-step operation and digital display readout of the concentration makes this gas measuring device very easy to use. It can be operated with one hand, and the large switch can be moved while wearing protective gloves. The analysis by Dräger-CMS® is totally automated and consecutive measurements are easy to make.



DRÄGER PORTABLE INSTRUMENTS

Dräger manufactures a wide range of versatile single and multi-sensor gas measuring devices. These instruments offer continuous and simultaneous detection of toxic and flammable hazards. A digital display informs the user if hazardous levels of gases and vapors are present. Audible, visual and vibrating alarms warn the user of the hazardous concentrations. A variety of accessories complement these world class instruments: smart bump stations, remote sampling pumps, software exposures, cases, and various power supplies.



NOTES



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