



Dräger CPS 7900

Kjemikalieverndrakter

Tailor-made for use under extreme conditions: The gas-tight 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.

Highlights

Protection in a class of its own

The chemical protective suit Dräger CPS 7900 was developed to protect its wearer when handling toxic or hazardous materials and to provide much needed support for a variety of dangerous tasks. The suit material D-mex™ offers unique resistance to various substances. The Dräger CPS 7900 meets and exceeds the requirements of international standards of fire departments, search and rescue organizations, and industry for reusable protection suits.



Outstanding wearing comfort

The chemical protective suit reduces the stress during the already difficult work in hazard zones and danger areas. With its new, ergonomic cut and five available sizes, the suit offers its wearers with a body height of 1.50 m to 2.10 m the highest degree of mobility during a wide variety of activities and tasks. Moreover, the clearly lighter weight and better drape of the suit material adjusts to the wearer's movements and offers the full range of flexibility.



D-mex™: 5-Fold safety

The suit's innovative and unique material D-mex™ consists of five layers. 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 make it possible to use the suit in explosive areas. The flexibility of D-mex™ even makes it possible to handle liquefied gases such as ammonia at a contact temperature of -80°C.

Ready at any time

Innovative materials and new service concepts made it possible to significantly reduce time and expenses for regular testing and expenses. In addition, the suit can be easily cleaned and disinfected. This means the time and expense spent over the 15 years of service life of the suit is much less.

Never again gasping for a breath

Breathing air is a scarce commodity in hazardous goods operations. The route to the incident site and the decontamination centre must be bridged. The actual work is carried out. Finally, thorough decontamination must be carried out so that the emergency services can remove their

suits. The supply of compressed air breathing apparatus is often not sufficient for this. The Air-Connect and the PT 120 L regulation valve are available for such cases.

Intelligent details from head to toe

The design of the visor in combination with the Dräger FPS 7000 full face mask offers an almost natural field of vision. Three different glove combinations can be attached to the suit quickly and without tools. The protective suit can optionally be fitted with integrated safety boots or gas-tight socks. An integrated radio pocket and a holder for push-to-talk buttons make communication easier, while other optional accessories allow the chemical protection suit to be customised to your specific needs and thus expand your range of applications. These include the pressure gauge holder, the length adjustment, the anti-fog disc, the lamp and device connect and the D-Connect.

CPS 7900: Rescue-Connect – Emergency rescue in Seconds

The CPS 7900 can be optionally equipped with Rescue-Connect - a sophisticated rescue system for critical operations. It enables the wearer to be pulled out of the danger zone quickly and easily, the breathing apparatus to be released in seconds and the suit to be removed in the shortest possible time. This enables immediate rescue and first aid without any delay.

Specifications

Key Facts

Product type	Gas-tight suit
Reuse Class	Reusable
Suit Type Class	1
Performance Class	+++
Shelf Life (years)	15
Material	D-mex™
Available Colors	Blue, Orange

Breathing protection options

Constant flow	X
SCBA inside	✓
SCBA outside	X
Air Purifying Respirator	X

Resistance

Mechanical Resistance	++
Chemical Resistance	++
Temperature Resistance	++

Resistance against

Particles	✓
Liquids	✓
Known gases	✓
Unknown gases	✓
Mechanical stress	✓
Deepcold substances	✓
Ex-zones	✓
Flash fires	✓

Approvals

EN 943	✓
EN 14605	X
EN ISO 13982-1	X
EN 13034	X

EN 1073-1 / EN 1073-2	✓
EN 14126	✓
EN 1149	X
EN 14593	✓
EN 14594	✓
SOLAS	✓
ISO 16602	✓

Accessories



Cotton gloves

Optional glove for hygienic wear under chemical protection gloves.



FKM/Butyl Glove

Made from fluoro rubber butyl (FKM/IIR) in sizes 9 to 11.



Glove Combination Laminate + Tricotril for CPS

Combining mechanical and chemical protection in one – offering high sensitivity, in sizes 10 and 11.



Nitrile-P Boots

Firefighter's boots with toecaps, provide excellent protection against penetration, cutting and abrasion. Extra comfortable, in sizes 43 to 50.



Overglove Tricotril

Cut protection and chemical protection glove in one, available in sizes 10 and 11.



Regulation Valve PT 120 L

Pass thru offering cooling effect on the body and additional breathing air from external sources.

Connective Products



Dräger Comfort Vest

- Provides cooling action without pre-freezing or dipping into water
- Reduces skin temperature by approx. 3 – 4 °C
- Can last for up to 4 hours, depending on physical work and ambient temperature



Dräger FPS 7000

- Comfortable full face mask with different front port options
- Combinable with helmets, communication and respiratory systems
- Available in multiple sizes for a secure fit



Dräger Panorama Nova

- Full face mask protecting the respiratory tract and eyes
- Offers different thread connections: RA (Rd40), PE (M45x3), ESA or P Dräger plug-in connection
- EPDM or silicone mask body, triplex or PC visor



Dräger Porta Control 3000

- Portable testing unit that allows for reliable and easy leak testing of chemical protection suits and valves before use



Dräger PSS AirBoss

- High-performance self-contained breathing apparatus for firefighting
- Offers best in class ergonomics and is one of the lightest weight breathing apparatus
- Compatible with Dräger FireGround



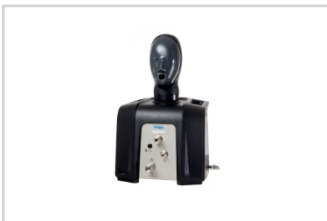
Dräger PSS® 3000

- Self-contained breathing apparatus for basic applications in Industry and Fire Services
- Combines comfort with exceptional pneumatic performance



Dräger PSS® 4000

- Professional self-contained breathing apparatus for firefighting
- Offers comfort, stability, lightweight and advanced harness materials for extended wear



Dräger Quaestor 6000

- Performs semi-automatic static and dynamic tests
- Tests full-face masks, chemical protection suits, and compressed air breathing apparatus for functionality and leak tightness
- Intuitive user guidance of the software



Dräger Quaestor 8000

- Performs fully automatic static and dynamic tests
- Tests full-face masks, chemical protection suits, and compressed air breathing apparatus (others possible, if required) for functionality and leak tightness"



Dräger Testor 2500/3500

- Compact all-rounder for the static tests of breathing protection equipment
- Reliable, easy, and convenient testing



Dräger X-plore® 6300

- Low-cost single-filter full face mask with standard thread connection Rd40
- Suitable for environments requiring increased respiratory and eye protection
- Wide range of X-plore Rd40 filters for various applications



Dräger X-plore® 6530

- High-quality single-filter full face mask with standard thread connection Rd40
- Protects the respiratory tract and eyes
- Wide range of Dräger X-plore Rd40 filters for various applications



Dräger X-plore® 6570

- High comfort single-filter full face mask with standard thread connection Rd40
- Protects the respiratory tract and eyes
- Wide range of Dräger X-plore Rd40 filters for various applications

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