



SPC 4700 with CVA 0700

Ventilated splash-protective suits

Comfort and mobility, along with optimal protection: that's what you get when you combine the Dräger SPC 4700 liquid-tight protective suit with the CVA 0700 ventilation vest. This type 3 suit reliably protects against chemicals while the vest provides a continuous supply of breathing air and a pleasant, cooling airflow.

SPC 4700 with CVA 0700

Panoramic visor

Uninterrupted view to the sides and upwards

Emergency flap

For especially fast removal of the suit

High material resistance

Light, comfortable material

G26-exempt

Thanks to the light weight, no breathing resistance

Socks

Equipped with antistatic socks



Optimised noise level

< 70 dB(A) for even more comfort

Adjustable, protected airflow

Cooling with a constant airflow

Automatic self-test

Correct airflow without pre-testing

Warning whistle

Acoustic alarm in case of low or interrupted air input

Benefits

The intelligent design of the CVA 0700, combined with an innovative suit material

The new suit material made from CLF and CPM is comfortable, soft and makes little noise. Plus it is highly resistant to chemicals. Dräger tested more than 450 (CLF) / 280 (CPM) substances for a higher safety which is much more than the standards require. Both materials are developed and manufactured in Germany, thus ensuring reliable supply capability.

The ventilation vest provides a continuous supply of breathing air and a pleasant, cooling airflow. Its noise level is below 70 db(A). The cleaning system enables simple machine-cleaning of the vest.

Breathe easily – and work more effectively

With the combination of the SPC 4700 and CVA 0700, you can work effectively without the need for heavyweight respiratory protective equipment. Instead, an external air supply reliably provides you with clean breathing air. The special ventilation vest distributes the air evenly inside the suit, producing a cooling effect and preventing the panoramic viewing pane from fogging. Thanks to the light weight of the suit and vest, you can work in greater comfort than ever before. Lengthy, complex or stressful tasks can be handled more easily and safely. The light weight and working without breathing resistance also ensure that occupational health check-ups are not required. In addition, you are not limited in regards to wearing time thanks to the heat stress-reducing properties in the head and torso area – confirmed by the German Social Accident Insurance (DGUV).

Get more done with greater safety

Devote your undivided attention to your work. The liquid-tight SPC 4700 protective suit makes it easier than ever to do just that. It offers an outstanding level of quality and reliability. With an inlet pressure of 3 to 10 bar, the Safe Flow feature ensures the ideal air feed at all times. The automatic self-test saves time by eliminating lengthy pre-testing. An acoustic warning sound alerts the wearer whenever the air feed is interrupted or sinks below the specified air pressure. Another advantage of the combination is its excellent compatibility with other Dräger systems. Mobile compressors from the Dräger PAS MAC series or compressed air hose devices from the PAS AirPack series are perfect additions.

The suit in combination with the vest will protect you even in explosive areas. The system can be used in zones 0, 1, 2 (IIA/IIB/IIC) as well as 20, 21, 22 (IIIA/IIIB/IIIC).

Quality you can see and feel

The high-quality CVA 0700 ventilation vest is worn underneath the suit, preventing it from coming into contact with hazardous substances. Unlike the splash-protection suit, it can be used more than once. This saves time and money. The ventilation vest is easy to maintain, simple to clean and suited for many different areas of application. With an average air consumption of 300 – 400 l/min (depending on the compressed air supply), the CVA 0700 supplies a cost-effective, safe, comfortable and steady air feed. Important components of the system, like the pressure reducer, come from the tried-and-trusted Dräger PSS series.

Details



D-1716-2018

Dräger SPC 4700 CPM in yellow



D-1766-2018

Dräger SPC 4700 CLF in orange



D-1809-2018

Dräger SPC 4700 CLF in white



D-2345-2024

Dräger CVA 0700 with X-plore 9310

Product features		SPC 4700 (CPM, yellow)	SPC 4700 (CLF, orange)	SPC 4700 (CLF, white)
Panorama Visor		•	•	•
Gloves	with laminate gloves with Camatril® gloves with arm cuffs	•	•	•
Material (colour)	CPM (yellow) CLF (orange) CLF (white)	•	•	•
Socks	Socks with PVC soles Socks with cuffs	•	•	•
Zipper	Back	•	•	•
Emergency flap	Front	•	•	•

spc-4700-tabelle-en-master

System Components



D-97-62-2010

Dräger PAS MAC Series

The mobile breathing air compressors from the Dräger PAS MAC Series supply you with breathing air over an extended period of time when you are exposed to hazardous substances at work and cannot rely on a stationary air supply. Depending on the model, a single compressor can supply up to four users at the same time.

System Components

ST-529-2006



Dräger PAS AirPack 2

Breathing air supply for long-term operations: The Dräger PAS AirPack 2 reliably supplies up to four breathing apparatus wearers with breathing air. With its robust steel frame construction, proven pneumatic system and integrated hose reel, the Dräger PAS AirPack 2 is a complete solution for long-term work in critical working environments.

ST-339-2007



Medium Pressure Hoses for SPC 4700

Dräger medium pressure hoses are available in lengths from 1 to 100 metres and are approved for use with the combination of CVA 0700 and SPC 4700 protective suits.

Accessories

2-321-95



PVC Boots for CPS/SPC

Safety boots made from PVC with steel toe cap and steel sole in sizes 43 to 48.

ST-6190-2006



Overglove Tricotril

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

D-2736-2018



Chest Strap Expansion CVA 0700

Using the chest strap expansion, you can expand the size of the vest in uniform intervals as needed by up to 25 cm.

D-2743-2018



Inner Vest for SPC 4700

The inner vest of the CVA 0700 can simply be removed and exchanged. That makes it an ideal spare part whenever the vest is worn by multiple users.

Services

D-23331-2016



Product service

Our product service department is here to support you with a range of service packages – in our shops or on site at your facility. Care, servicing and maintenance are key factors when it comes to safety. Diligent maintenance and care are also absolutely necessary from an economic perspective. Preventive checks, service procedures and original replacement parts ensure your investment lasts longer.

D-23355-2016



Training

The Dräger Academy has been sharing its sound, practical knowledge for over 40 years. With more than 110 authorised trainers and over 600 topics, we run more than 2,400 training sessions a year. We provide your staff with practical knowledge and ensure that what they learn can be applied effectively, both on a day-to-day basis and more importantly, in critical situations. We're also happy to develop a custom-made training programme just for you.

Related Products

ST-4814-2005-ST-4846-2005



Dräger SPC 2400 PVC / Flexothane

The Dräger SPC 2400 is a reusable suit, which is reliable in protecting you from liquids and dust. The suit is available in a specially robust version made of PVC or as a light, water vapour permeable version made of flexothane.

D-1880-2018



Dräger SPC 4400 / SPC 4800 / SPC 4900

Light and comfortable to wear: Dräger SPC 4X00 liquid-tight splash suits offer reliable protection against the finest particles and powders, many concentrated inorganic acids and alkaline solutions, and are also resistant to a wide variety of organic liquid chemicals. They are CE-certified and classified as type 3, 4, 5 and 6.

D-10165-2024



Dräger X-plore 9x00 and PAS X-plore

The Dräger X-plore 9x00 series is designed for light-duty industrial applications and provides comfortable and reliable respiratory protection. Thanks to such features as the unique safe-flow reducer and auto-test function, wearers can enjoy more operating convenience, safety and flexibility.

Technical Data

Technical details of the system

Inlet pressure (air feed)	3.0 to 10.0 bar
Airflow	min. 300 l/min to max. 400l/min (depending on the compressed air supply)
Maximum hose length	1.0 to 100.0 m
Weight (depending on the suit size)	2.6 to 2.9 kg
Temperature (during use)	+10 °C to +60 °C
Warning whistle response threshold	2.5 bar (-/+ 0.5 bar) > 90 dBA, whistle sounds up to a pressure of 1.5 bar
Approval	EN 14594 requirements for continuous flow compressed air lines

Dräger CVA 0700 ventilation vest

Material	mesh material polyester; internal and external, with silicone air channel
Design	standard sizes with adjustable buckles
Color	grey, blue
Inlet coupling (standard)	Dräger CEJN 96 series
Inlet coupling (optional)	different coupling options on request available
Dimensions	700 x 900 x 100 mm
Weight	1.9 kg (including X-plore 9310 compressed airline device)

Dräger SPC 4700 chemical protective suit

Material properties	CPM - made in Germany	coated barrier protection material
	CLF - made in Germany	carrier fleece material
Permeation data	The continually updated Dräger VOICE database provides reliable information about chemical resistances: www.draeger.com/voice	
Weight	0.7 to 1 kg (dependent on the size of the suit)	
Approvals	EN 14605	EU requirements for protective clothing type 3 und 4
	EN ISO 13982-1	EU requirements for protective clothing type 5
	EN 13034	EU requirements for protective clothing type 6
	EN 1073-1	EU requirements for clothing that protects against radioactive contamination
	EN 14126	EU requirements for clothing that protects against infection agents
	EN 1149	EU requirements for protective clothing – electrostatic properties
	ISO 16602	International requirements for protective clothing

Ordering Information

Dräger SPC 4700

Suit sizes and measurements	SPC 4700 (CPM, yellow)	SPC 4700 (CLF, orange)	SPC 4700 (CLF, white)
S (164 – 170 cm)	R63411	R63487	3700598
M (170 – 176 cm)	R63412	R63488	3700599
L (176 – 182 cm)	R63413	R63489	3700600
XL (182 – 188 cm)	R63414	R63490	3700601
XXL (189 – 194 cm)	R63415	R63491	3700602
XXXL (194 – 200 cm)	R63416	R63492	3700603

Dräger CVA 0700 ventilation vest

Dräger CVA 0700 (complete system)	3363602
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Accessories and spare parts

Dräger X-plore 9310 compressed air hose device	3363504
Dräger CVA 0700 (vest and hose)	3363603
Dräger CVA 0700 inner vest	3364751
Chest strap expansion (25 cm)	3700041

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