

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.

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

D-1723-2018

D-15736-2014

D-15737-2014

Benefits

The improved design of the CVA 0700, combined with a new, 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 and available in three suit configurations. The ventilation vests have also been improved: the noise level has been reduced to below 70 db(A), and the new, improved cleaning system enables simple machine-cleaning of the vest.

Breathe easily – and work more effectively

With the combination of the Dräger 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 three to ten 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 Dräger MAV and 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

SPC 4700, CPM in yellow



D-1766-2018

SPC 4700, CLF in orange



D-1809-2018

SPC 4700, CLF in white

Product features		SPC 4700 (CPM)	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	•	•	•

System Components



D-9762-2010

Dräger PAS® MAC Series

Providing continuous breathing quality air to safety professionals in the harshest of environments, these Mobile Breathing Air Compressors meet the needs of single or multiple users over long durations. Available in electric- or diesel-driven versions, each of the four models is fully compatible with Dräger compressed air and airline breathing equipment.



ST-3560-2003

Dräger PAS® AirPack 1

Designed using leading technology and materials, Dräger's range of heavy-duty airline apparatus is ideal for use where an extended duration of breathing air is called for. Chemical tank cleaning, toxic spillages or certain tasks when working on offshore installations are all made easier and more comfortable when using the Dräger PAS® AirPack 1.



D-8859-2014

Dräger MAV 1000/1200

When working with external compressed air source, you have to rely on a continuous safe supply with clean breathing air. The Dräger MAV 1000/1200 reliably filters coarse particles, liquids, oils and odours from the air of an existing compressed air line system. The MAV is also equipped with a high-pressure air reservoir for breathing air, which serves as a safety reserve in emergencies.



ST-338-2007

Medium pressure hoses

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



PVC boots

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



Tricotril® over gloves

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



Chest strap expansion

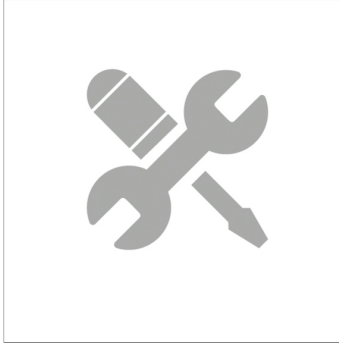
Using the chest strap expansion, you can expand the size of the vest in uniform intervals as needed by up to 25 cm.



Inner vest

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



Product Service

Our product service provides support with different service packages – in our workshops or directly on your premises. Care, maintenance and servicing are crucial for safety and reliability – but careful maintenance and care are a must, even when it comes to commercial considerations. Preventive checks, ongoing care and use of original replacement parts improve the longevity of your investment.



Training

The Dräger Academy has shared its solid, practical knowledge for over 40 years. We hold more than 2,400 training courses each year, on a range of over 600 topics, with more than 110 authorised trainers. We equip your staff with practical knowledge and ensure that what they learn can be applied effectively, both day-to-day and, more importantly, whenever critical situations occur. We will be pleased to develop a customised training programme for you.

Related Products



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.

Related Products

D-1860-2018



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-118978-2013



Dräger X-plore® 8000

Challenging workplace conditions demand reliable solutions. The Dräger X-plore® 8000 offers a new level of intuitive handling combined with intelligent electronics that provide the high degree of safety your people need to focus on the task at hand.

D-12260-2014



Dräger X-plore® 9000 and PAS X-plore®

The Dräger X-plore® 9000 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)	Hansen, Foster, Schreuder, Stäubli, Walther
Dimensions	700 x 900 x 100 mm
Weight	1.9 kg (including X-plore® 9310 compressed airline device)
Service life	10 years

Dräger SPC 4700 chemical protective suit

Material properties	CPM	coated barrier protection material
	CLF	Carrier fleece material
	Usage frequency ¹	designed for limited use
	Shelf life ²	10 years
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

¹ As defined by ISO 11610

² Without use and in observance of the specified storage conditions

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)	R 63 411	R 63 487	37 00 598
M (170 – 176 cm)	R 63 412	R 63 488	37 00 599
L (176 – 182 cm)	R 63 413	R 63 489	37 00 600
XL (182 – 188 cm)	R 63 414	R 63 490	37 00 601
XXL (189 – 194 cm)	R 63 415	R 63 491	37 00 602
XXXL (194 – 200 cm)	R 63 416	R 63 492	37 00 603

Accessories

Gloves

Tricotril® overgloves, size 10	R 55 968
Tricotril® overgloves, size 11	R 55 966
K-MEX® Giant overgloves, size 14	R 55 969
Cotton gloves (standard sizes)	R 50 972

Protective boots

Nitrile P boots, size 43 (UK size 9/9.5)	R 56 863
Nitrile P boots, size 44 (UK size 10/10.5)	R 56 864
Nitrile P boots, size (UK size 11/11.5)	R 56 865
Nitrile P boots, size 46/47 (UK size 12 – 13.5)	R 56 866
Nitrile P boots, size 48 (UK size 14.5)	R 56 867
Nitrile P boots, size 49/50 (UK size 15 – 16.5)	R 56 868
ESD Boots PVC, size 40	R 62 441
ESD Boots PVC, size 41	R 62 463
ESD Boots PVC, size 42	R 62 464
ESD Boots PVC, size 43	R 62 465
ESD Boots PVC, size 44	R 62 466
ESD Boots PVC, size 45	R 62 467
ESD Boots PVC, size 46	R 62 468
ESD Boots PVC, size 47	R 62 469
ESD Boots PVC, size 48	R 62 470

Dräger CVA 0700 ventilation vest

Dräger CVA 0700 (complete system)	33 63 602
-----------------------------------	-----------

Accessories and spare parts

Dräger X-plore® 9310 compressed air hose device	33 63 504
Dräger CVA 0700 (vest and hose)	33 63 603
Dräger CVA 0700 inner vest	33 64 751
Chest strap expansion (25 cm)	37 00 041

Camatril®, K-MEX®, Tricotril® are registered trademarks of KCL.

Notes

Not all products, features, or services are for sale in all countries.
Mentioned Trademarks are only registered in certain countries and not necessarily in the country in which this material is released. Go to www.draeger.com/trademarks to find the current status.

CORPORATE HEADQUARTERS
Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
www.draeger.com

REGION DACH
Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION EUROPE
Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION MIDDLE EAST, AFRICA
Dräger Safety AG & Co. KGaA
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
Tel +971 4 4294 600
Fax +971 4 4294 699
contactuae@draeger.com

REGION ASIA PACIFIC
Dräger Singapore Pte. Ltd.
61 Science Park Road
The Galen #04-01
Singapore 117525
Tel: +65 6872 9288
Fax: +65 6259 0398
asia.pacific@draeger.com

**REGION CENTRAL
AND SOUTH AMERICA**
Dräger Indústria e Comércio Ltda.
Al. Pucurui - 51 - Tamboré
06406-100 - Barueri - SP
Tel. +55 (11) 4689-4900
relacionamento@draeger.com

Locate your Regional Sales
Representative at:
www.draeger.com/contact

