

Dräger SPC 3700 with CVA 0700 Splash Suit and Vest

The Dräger SPC 3700 is a constant flow disposable suit. In combination with the newly designed vest CVA 0700 it offers ideal protection, comfort and flexibility. The liquid-tight protective suit (type 3) protects the wearer from contact with chemicals and allows greater movement, while the vest provides the necessary breathing and ventilation air for a pleasant cooling effect.

Panorama view
Wide visor offers larger view from side to side and up

Emergency exit cord
Can be pulled to immediately take off suit

Suit valve
The overpressure in the suit keeps the wearer safe from leaks

Optimised noise level
< 70 dB(A) for even more comfort

Adjustable and protected airflow
Provides cooling airflow to the wearer's torso

Auto test function
Ensures the correct airflow and means no pretesting

Warning whistle unit
An alarm sounds when air supply is interrupted or airflow is too low

External air supply
Safe and reliable connection to external air supply

D-18003-2014

D-15736-2014

D-15737-2014

Benefits

Carefree breathing – even in tough environments

Thanks to the SPC (Splash Protective Clothing) 3700, you are no longer dependent on bulky masks or heavy equipment such as an SCBA, and no longer have to experience breathing resistance. You are provided with optimal quality air from an external air source. The special Dräger CVA (Cooling Vest Air) 0700 evenly distributes the breathing air and creates not only a cooling effect but also reduces fogging and improves vision. In addition, the noise level was optimised to less than 70 dB(A) for even more comfort

The extreme light weight of both, suit and vest, add to the overall comfort and make even long, complex or stressful jobs easier to perform and safer to complete.

Get more done with more safety

Working with the SPC 3700 means that you can fully focus on your job while enjoying the kind of quality, reliability and innovation that has made Dräger famous. The safe-flow feature continually provides the correct flow of air over a pressure range of three to ten bar, while the special auto-test feature means that no pretesting is necessary.

An additional warning signal alerts the wearer if the right pressure is not reached, or the airflow is too low. Also convenient is the high degree of compatibility with other Dräger products such as external air sources like the PAS AirPack series, MAV or PAS MAC series.

Easy to don, easy to wear

The large opening in the back of the suit allows a quick and easy donning of the suit. The vest is simply strapped on and the airline hose connects the vest with an external breathing air source. Before entering any dangerous environments, it is important to activate the air supply function before closing the suit.

Quality you can see and feel

The high-quality vest is worn inside the suit. This way, it is not in contact with outside agents and, unlike the suit, can be used repeatedly, thus saving time and money. Components such as pressure reducers belong to the proven and tested Dräger PSS Series.

Robust, simple to maintain and easy to clean – the CVA 0700 offers top performance for a variety of applications. With a breathing air consumption of an average of 300 – 400 litres per minute (depending on the compressed air supply) the CVA 0700 offers a cost-efficient, safe and comfortable constant flow suit system.

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.



ST-529-2006

Dräger PAS® AirPack 2

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 2.

Accessories



Tricotril® over gloves

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



K-MEX® Gigant over gloves

Additional cut resistance, available in size 14.



Cotton gloves

Optional glove for hygienic wear under chemical protection gloves.



PVC boots

PVC safety boots with toecaps provide excellent protection against penetration, cutting and abrasion.

Accessories



ST-5692-2004

Nitrile-P boots

Nitrile safety boots with toecaps provide excellent protection against penetration, cutting and abrasion.

Technical Data

Technical data of system

Input pressure (air supply)	3.0 bar to 10.0 bar	
Flow rate	300 – 400 l/min (depending on the compressed air supply)	
Max. hose length	1 to 100 m	
Weight (depending on the suit size)	2.6 to 2.9 kg	
Temperature (in operation)	+10 °C to +60 °C	
Response pressure of warning whistle	2.5 bar (+/- 0.5 bar) > 90 dBA down to 1.5 bar	
Approvals	EN 14594	Supplied by an airline breathing apparatus with constant airflow

Dräger CVA 0700

Material	Mesh fabric	
Input coupling (standard)	Dräger CEJN 96 series	
Input coupling (options)	Hansen, Foster, Schreuder, Stäubli, Walther	
Size	700 x 900 x 100 mm	
Weight	1.9 kg (including the air supply manifold)	
Lifetime	10 years	
Approvals	EN 14594	Supplied by an airline breathing apparatus with constant airflow

Dräger SPC 3700

Material properties	Material (single use)	Tychem® F (grey)	Tychem® C (yellow)
	Storage time ¹	5 years	5 years
	Chemical resistance	The continuously updated Dräger VOICE database is available to provide information about chemical resistance: www.draeger.com/voice	
Weight (depending on the suit size)		ca. 0.8 to 1.0 kg	ca. 0.7 to 0.9 kg
Approvals	EN 14605	EU requirements for protection suits type 3 and 4	
	EN ISO 13982-1	EU requirements for protection suits type 5	
	EN 13034	EU requirements for protection suits type 6	
	EN 1073-1	Protection against contamination with radioactive particles	
	EN 14126	Protection against contamination with infectious agents	
	EN 1149-1	Requirements for protective clothing – electrostatic properties	

¹ Without usage and observance of the recommended storage conditions

Ordering Information

Dräger CVA 0700

Design	One size fits all with adjustable buckles
Material	Polyester, silicone air channel
Colour	grey, blue
One size	33 63 602

Ordering Information

Dräger SPC 3700

	Material	Tychem® F	Tychem® C
	Colour	grey	yellow
	Zipper	Horizontal zipper on the back with a double flap made of the same suit material	Horizontal zipper on the back with a double flap made of the same suit material
	Integrated overshoes / socks	Integrated overshoes with anti-static sole (PVC) (Boots will be worn inside the suit)	Integrated socks with leg cuffs (Boots will be worn over the socks)
	Gloves	Laminate gloves	Camatril® gloves
	Arm cuffs	Yes	No
Sizes	Size S: body height from 1.62 m to 1.70 m / 5 ft 4 in. to 5 ft 7 in.	R 58765	R 62421
	Size M: body height from 1.68 m to 1.76 m / 5 ft 6 in. to 5 ft 9 in.	R 58766	R 62422
	Size L: body height from 1.74 m to 1.82 m / 5 ft 9 in. to 6 ft	R 58767	R 62423
	Size XL: body height from 1.80 m to 1.88 m / 5 ft 11 in. to 6 ft 2 in.	R 58768	R 62424
	Size XXL: body height from 1.86 m to 1.94 m / 6 ft 1 in. to 6 ft 4 in.	R 58769	R 62425
	Size XXXL: body height from 1.92 m to 2.00 m / 6 ft 4 in. to 6 ft 7 in.	R 58770	R 62426
	Suit accessories		
	Safety boots	Nitrile or PVC	
Glove accessories	Over gloves	Tricotril®	In sizes 9 to 11
		K-MEX®	In size 14
	Inner gloves	Cotton gloves	One size
Please find more information on medium pressure hoses and possible breathing air sources in the corresponding price lists.			
Tychem® is a registered trademark of DuPont.			
Camatril®, K-MEX®, Tricotril® are registered trademarks of KCL.			

Notes

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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

Draeger Singapore Pte. Ltd.
25 International Business Park
#04-20/21 German Centre
Singapore 609916
Tel +65 6308 9400
Fax +65 6308 9401
asia.pacific@draeger.com

REGION CENTRAL AND SOUTH AMERICA

Dräger Panama S. de R.L. 59 East
Street, Nuevo Paitilla
House 30, San Francisco Town
Panama City, Panama
Tel +507 377 9100
Fax +507 377 9130
servicioalcliente@draeger.com

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

