

Dräger SPC 3700 with CVA 0700 Splash Suit and Vest

The Dräger constant flow disposable suit SPC 3700 in combination with the unique vest CVA 0700 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.



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. Wearers 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.

The extreme lightweight 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, Schreader, 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 | |

¹Without usage and observance of the recommended storage conditions

Ordering Information

Dräger CVA 0700

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|----------|--|
| Design | One size fits all with adjustable buckles |
| Material | Polyester inner and outer with a silicon air channel |
| Colour | grey, blue |

Ordering Information

One size 33 63 602

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 |
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| | | | |

Suit accessories

| | | | |
|-------------------|----------------|---------------|-------------------|
| Safety boots | Nitrile or PVC | | In sizes 43 to 50 |
| 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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