

# Dräger CDR 4500 Full face mask and respiratory filter



ST-1695-2004

The Dräger CDR 4500 full face mask was specifically designed for use in civil defence and civil protection. Together with a suitable respiratory filter, the mask provides effective protection against hazardous substances in the ambient air.



ST-1278-2004

Dräger CDR 4500 full face mask

The new Dräger CDR 4500 full face mask offers complete protection of the respiratory organs and face from harmful gases and particles in the ambient air. The elastomer mask body is extremely resistant to chemicals and mechanical impact.

The emergency teams on the spot appreciate its simple handling, outstanding comfort and excellent fit for a wide range of head and face sizes. A neck strap is supplied as standard.

The centrally located and standardised cartridge connection ensures a good balance and prevents the mask slipping on the face even during prolonged use. It is suitable for attachment of various filter types. The visor provides a large, distortion free field of vision, while the integrated speech diaphragm enables a clear man-to-man communication.

The specially chosen materials and first-class workmanship ensure a high standard of quality and long service life. The mask is tested and approved to EN 136 Class 3.

Included in the extensive range of Dräger filters are a variety of respiratory filters that are tailored to individual uses such as the A2B2E2K1-P3/NBC filter, which is designed for a wide range of applications. This filter is approved according to EN 141 (CE) and fulfills the requirements for filters used in civil protection. It is available in two colours. Mask and filter represent an important part of the personal protective equipment of emergency teams, are versatile in use and compatible with other protective equipment.

The Dräger CDR 4500 full face mask – another quality product from Dräger Safety.



ST-3999-2005

NBC filter A2B2E2K1-P3/NBC (silver)

## ORDER INFORMATION

Dräger CDR 4500 (black)	R 55 440
Respiratory filter A2B2E2K1-P3/NBC (black)	67 36 120
Respiratory filter A2B2E2K1-P3/NBC (silver)	67 36 121
<b>Accessories</b>	
Protex mask bag	R 54 939
WIKOV V carry box	R 51 019
Spectacle kit	R 51 548
"Klar Pilot" antifog gel (50 ml)	R 52 560
Daisyquick cleaning cloth	R 54 134
Test equipment	see Test equipment price list

## TECHNICAL DATA

### Dräger CDR 4500 full face mask

Mask as a whole:	High chemical resistance according to EN 136, resistance even against warfare agents (to US NIOSH CBRN standard). High ageing resistance
Mask body:	Silicone-free elastomer
Sealing frame:	Double seal with triple sealing line for comfortable, tight fit
Visor:	Impact-proof polycarbonate (PC) with anti-scratch coating on both sides for high chemical resistance Large field of vision and excellent quality of vision
Filter connection:	Standard thread to EN 148-1
Weight:	Approx. 500 g (without filter)
Harness:	5-point (large adjusting points to prevent trapping of hair)
Neck strap:	As standard
Speech diaphragm:	Stainless steel, high speech quality
Resistance:	To US CBRN APR standard against sarin and mustard gas for up to 8 hours. Test description and test concentration on request.
Service life:	> 10 years (storage and servicing as per manual)
Approvals:	US NIOSH CBRN standard (submitted), EN 136 Cl. 3, CE mark

Further information available from the technical datasheet.

### Respiratory filter A2B2E2K1-P3/NBC

Performance data:	Particle filtration efficiency	99.997 %	
Test results to EN 141:2000:	Gas	Concentration	Minimum breakthrough time
	C <sub>6</sub> H <sub>12</sub>	5000 ppm	>35 minutes
	Cl <sub>2</sub>	5000 ppm	>20 minutes
	H <sub>2</sub> S	5000 ppm	>40 minutes
	HCN	5000 ppm	>25 minutes
	SO <sub>2</sub>	5000 ppm	>20 minutes
	NH <sub>3</sub>	1000 ppm	>50 minutes
Test results to CEB/DPN/IF reference T4240x00451:	Cl <sub>3</sub> CNO <sub>2</sub>	2 g/m <sup>3</sup>	>60 minutes
	HCN	2 g/m <sup>3</sup>	>60 minutes
	CICN	2 g/m <sup>3</sup>	>60 minutes

Further information available from the technical datasheet.

Data for further respiratory filters available on request.

## SUBSIDIARIES

### AUSTRALIA

Draeger Safety Pacific Pty. Ltd.  
Mt. Waverley, Vic 3149  
Tel +61 3 92 65 50 00  
Fax +61 3 92 65 50 95

### FRANCE

Draeger Industrie S.A.S.  
67025 Strasbourg Cedex  
Tel +33 388 40 76 76  
Fax +33 388 40 76 67

### SINGAPORE

Draeger Safety Asia Pte. Ltd.  
139950 Singapore  
Tel +65 68 72 92 88  
Fax +65 67 73 20 33

### UNITED KINGDOM

Draeger Safety UK Ltd.  
Blyth, Northumberland NE24 4RG  
Tel +44 1670 352 891  
Fax +44 1670 356 266

### CANADA

Draeger Canada Ltd.  
Mississauga, Ontario L5N 6P9  
Tel +1 905 821 8988  
Fax +1 905 821 2565

### MEXICO

Draeger Safety S.A. de C.V.  
Querétaro, Qro México  
Tel +52 442 246 1113  
Fax +52 442 246 1114

### REP. OF SOUTH AFRICA

Dräger South Africa (Pty) Ltd.  
Bryanston 2021  
Tel +27 11 465 99 59  
Fax +27 11 465 69 53

### USA

Draeger Safety, Inc.  
Pittsburgh, PA 15275  
Tel +1 412 787 8383  
Fax +1 412 787 2207

### P. R. CHINA

Beijing Fortune Draeger  
Safety Equipment Co., Ltd.  
Beijing 101300  
Tel +86 10 80 49 80 00  
Fax +86 10 80 49 80 05

### NETHERLANDS

Dräger Safety Nederland B.V.  
2700 AH Zoetermeer  
Tel +31 79 344 46 66  
Fax +31 79 344 47 90

### SPAIN

Draeger Safety Hispania S.A.  
28034 Madrid  
Tel +34 91 358 02 44  
Fax +34 91 729 48 99

### Dräger Safety AG & Co. KGaA

Revalstrasse 1  
23560 Luebeck, Germany  
Tel +49 451 882 0  
Fax +49 451 882 2080  
[www.draeger-safety.com](http://www.draeger-safety.com)