



**Take a deep breath.**  
Dräger X-plore® Air Purifying  
Respiratory Protection.

DRÄGER X-PLORE®  
DRÄGER BELAIR®  
DRÄGER PARAT®

# Dräger



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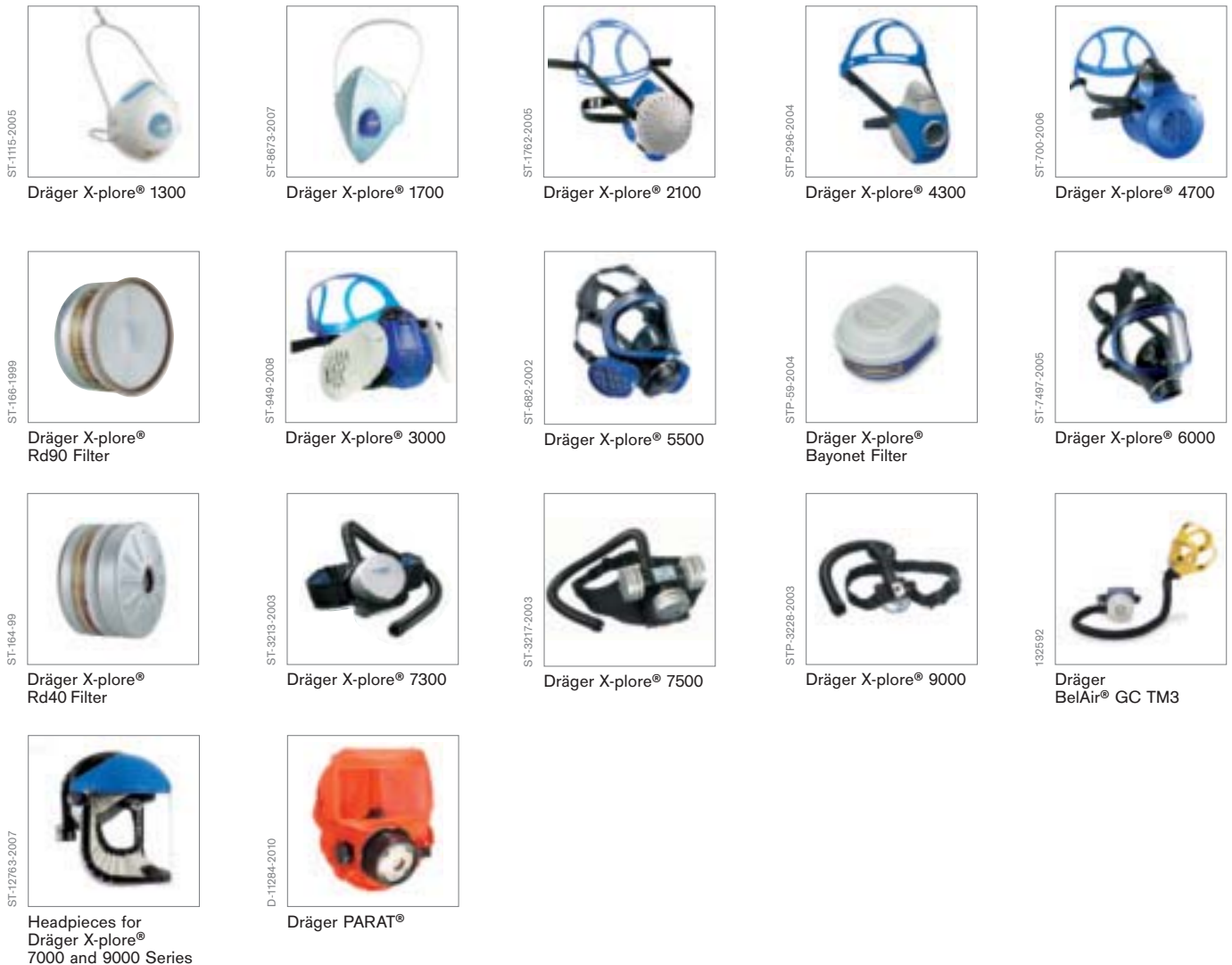
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## Product Overview

Regardless of your industry: Metal processing, automotive, shipbuilding, painting, chemicals, maintenance, utilities or waste disposal – to name a few, the requirement is the same: Working safely even under the most challenging conditions. Dräger Safety respiratory protection helps you to get your job done – safely.





## We have something against danger at the working place.

When something is in the air – regardless of dusts, gases or vapours – the use of high-quality respiratory protection is essential.

When it comes to selecting the right respiratory protection there are some important factors to consider: knowledge of the existing contaminants and the application requirements along with the limitations of use and the protection levels each respirator offers. Sound complicated? You are not alone, Dräger has the right tools to support you and will help you every step of the way.

Our Dräger VOICE 5.0 database of hazardous substances supports you in selecting the optimal mask-filter combination for your application. You can find it in the internet under [www.draeger.com/voice](http://www.draeger.com/voice) or on an easy to use CD-ROM.

For a quick and easy orientation the following pages give you a short overview on the Dräger X-plore® product family, selected industrial applications, and the appropriate respiratory protection for your job.

The Dräger APR Online Training offers you additional support. Whether you are a safety engineer, company safety officer, master craftsman or a distributor of safety products: Our training platform supports and guides you through numerous issues surrounding respiratory protection. Topics covered, range from identifying hazards to proper selection and use of respiratory protection up to establishing a respiratory protection programme in your company. Along the way you will also discover a number of topics to help you provide professional employee/customer care on all matters relating to respiratory protection. You can find the APR Online Training in the internet under [www.draeger.com/apr-training](http://www.draeger.com/apr-training) or on an easy to use CD-ROM.



## Professional respiratory protection since 1889.

Regardless of your industrial application, whether it be painting, welding, carpentry, metal processing or chemical handling, your safety is Dräger's prime objective. Even under the hardest conditions, with Dräger you will find a system solution that meets your needs.

For more than 100 years Dräger products have helped keep people breathing safely. The Dräger X-plore® range of respiratory protection products offers a complete selection of products and system solutions – tailored to meet your needs.

The ideal combination of comfort, easy handling and user safety is ensured by new materials, a modern and practical design, together with the experience of numerous engineers' world-wide and intensive dialogue with our customers.

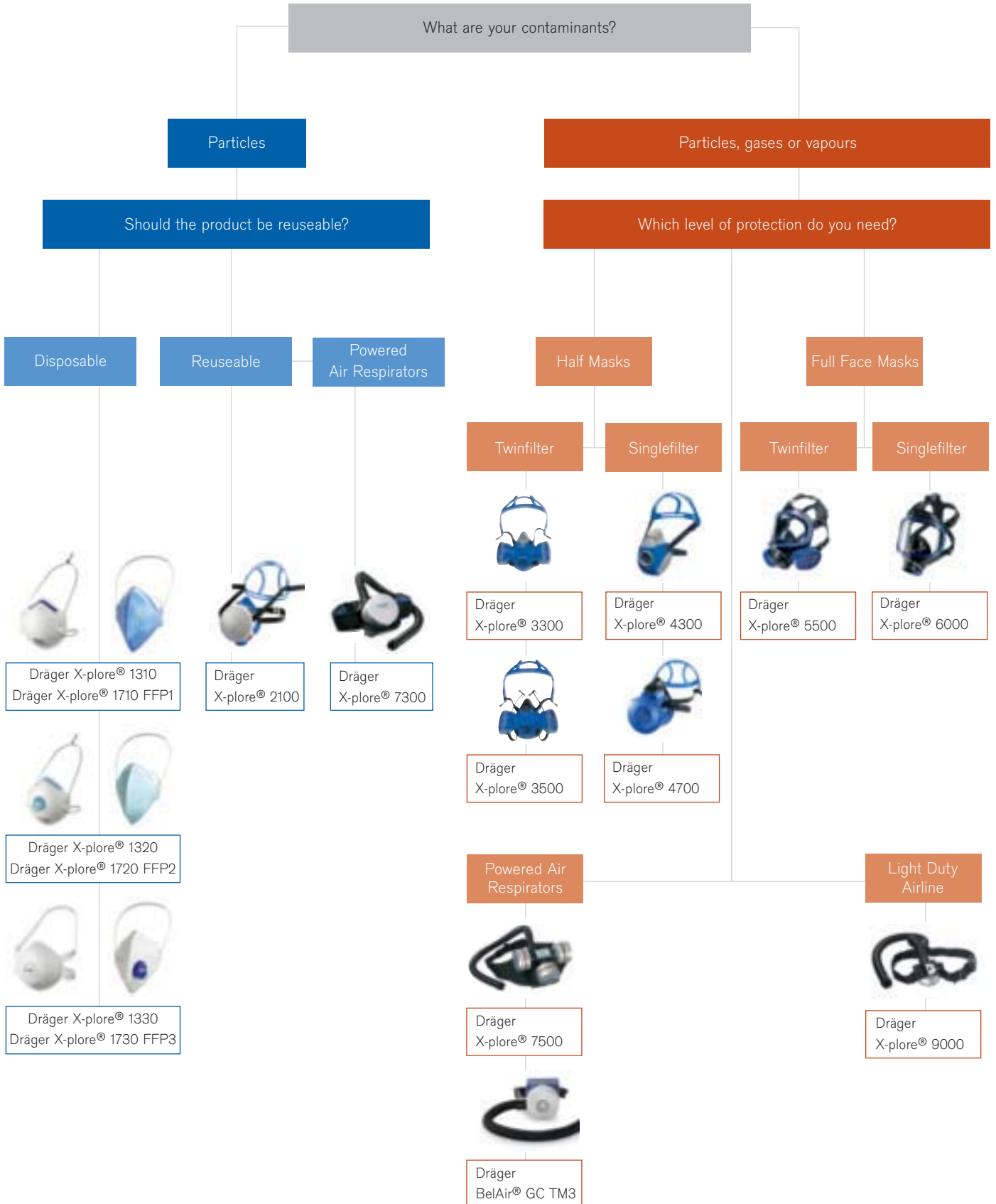
This all adds up to offering solutions which meet your expectations.



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# The Dräger X-plore® Product Family.



## The appropriate mask and filter combination for your application.

The following table gives you an overview on selected applications – and the respective mask-filter combinations.



ST-23-2003

Please note that when using filtering respiratory protection you still need to have adequate Oxygen in the ambient air. The oxygen concentration must be at least 17 % by vol. (In some countries

there are other limit values, e.g. 19 % by vol. in the Netherlands). Please check your local legislative requirements for further information.



Business Field	Task	Application	Contaminant	Mask Type*	Filter*	Remarks
Construction	Casting/ die casting	of concrete, cement (foundations)	concrete dust	HM/ FFP2	P2	
Construction	Asbestos removal	asbestos	asbestos fibers	HM/	P3	
Construction	Grinding/ cutting/ drilling	on brickwork, concrete, stone and plaster	stone powder	HM/ FFP2	P2	
Construction	Grinding/ cutting/ drilling	on brickwork, concrete, stone and plaster with a	stone powder	HM/ FFP2	P2	
Farming	General handling	handling of liquid manure	gases and vapors	HM	ABEK	
Farming	Spraying	of pesticides (aqueous solutions)	insecticides / pesticides	HM/ FFP2	P2	
Farming	Spraying	of pesticides (organic, evaporating)	insecticides / pesticides	HM	A1 P2	
Farming	Sweeping	barns, coops, pens	dust particles	HM/FFP2 Odour	P2	
Farming	Cleaning/ use	of animal feeding systems	dust particles	HM/FFP2 Odour	P2	
Farming	Cleaning/ emptying	poultry and pig dung silos	dust particles, ammonia, H2S	HM	ABEK P2	FFP2 Odour for gases below MAC
General	Handling	of chemical substances	particles and potentia identified substances	HM o. FM	ABEK Hg P3	Observe exceptions
General	Sampling		particles and potentia identified substances	HM	P3/ ABEK Hg P3	Observe exceptions
General	Inspection		particles and potentia identified substances	HM	ABEK P3	or escape apparatus
General	Measurement		particles and potentia identified substances	HM	P3/ABEK P3	Observe exceptions
General	Mixing	of epoxy resins and poly- ester resins	organic vapors	HM	A1	
General	Spraying/ lubricating	of coolant mist	oil particles	HM/FFP2	P2	
General	Treatment	with preservatives	various	HM	ABEK P2	
General	Transportation	of dangerous goods	various	FM	ABEK2 Hg- P3	
General	Cleaning	high pressure steam blasting	sud mist containing adhesions	HM/ FFP1	P1	
General	Cleaning	degreasing	grease particles	HM/FFP2	P2	
General	Cleaning	disinfecting	organic vapors	HM	A1 P2	
General	Cleaning	disinfecting with agents containing aldehydes	organic and inorganic vapors	HM	AB P2	

HM = Half mask  
FM = Full mask

<b>Business Field</b>	<b>Task</b>	<b>Application</b>	<b>Contaminant</b>	<b>Mask Type*</b>	<b>Filter*</b>	<b>Remarks</b>
General	Cleaning	handling of petroleum ether or diluent for cellulose lacquers (solvent based)	solvent vapors	HM	A2	
General	Cleaning	with acids	acids	HM	ABE P2	
Metal working	Grinding/ cutting/ drilling	of iron	metallic powder	HM/ FFP1	P1	
Metal working	Grinding/ cutting/ drilling	of stainless steel (high alloy)	metallic powder	HM/ FFP2/ -3	P2/P3	
Metal working	Cutting	with laser beam	metallic powder	HM/ FFP3	P3	
Metal working	Welding	of aluminium	aluminium oxide smoke, ozone	HM	AB P3	depending on the concentration of gaseous substances
Metal working	Welding	of motor vehicles	metallic smoke, ozone, Nox	HM	AB P2	
Metal working	Welding	manual arc welding using covered rod electrodes or laser beam welding	metallic powder, smoke	HM/ FFP3	P3	
Metal working	Welding/ rivetting	of construction steel and zinc	metallic powder, welding smoke	HM/ FFP2	P2/ ABE1 P2	depending on the concentration of gaseous substances
Metal working	Welding/ rivetting	of stainless steel (Thorium electrode)	metallic powder, metallic oxide smoke	FM/ FFP3	P3/ ABE1 P3	depending on the concentration of gaseous substances-
Metal working	Electroplating		possibly hydrocyanic acid	HM	AB P2	
Metal working	Soldering		smoke particles	HM/ FFP2	P2	
Metal working	Soldering	additionally with soldering paste	smoke particles, gases, evtl. Ammoniak	HM	ABEK P2	
Metal working	Grinding/ cutting/ drilling	of rust	rust powder, metallic powder	HM/ FFP1/ -2	P1/ P2	
Metal working	Grinding/ cutting/ drilling	of metals	metallic powder	HM/ FFP2/ -3	P2/ P3	
Paintwork	Grinding/ cutting/ drilling	of paint, lacquers and anticorrosion paint	fine paint particles	HM/ FFP2	P2	
Paintwork	Grinding/ cutting/ drilling	of paint, lacquers and anticorrosion paint (containing chromium)	fine paint particles	FM/ FFP3	P3	
Paintwork	Grinding/ cutting/ drilling	of anti-fouling lacquers	fine paint particles	HM	A1 P3	

<b>Business Field</b>	<b>Task</b>	<b>Application</b>	<b>Contaminant</b>	<b>Mask Type*</b>	<b>Filter*</b>	<b>Remarks</b>
Paintwork	Spraying/ varnishing	with water soluble paint	fine paint particles	HM/FM	A1 P2	usage of FM depending on the concentration
Paintwork	Spraying/ varnishing	with water soluble wood preservatives containing copper, chromium or arsenic	fine paint particles	HM/FM FFP3	P3	usage of FM depending on the concentration
Paintwork	Spraying/ varnishing	with solvent based paint, synthetic lacquer and bleaching agents	solvent vapors and mist	HM	A2 P2	AX, for low boiling substances
Paintwork	Spraying/ varnishing	with latex paint	paint particles	HM/ FFP2	P2	
Paintwork	Spraying/ varnishing	of latex paint with the presence of residual solvents or odors	solvent vapors and paint particles	HM	A2 P2	
Paintwork	Spraying/ varnishing	of isocyanates (solvent based)	solvent vapors and paint particles	HM	A2 P2	
Paintwork	Spraying/ varnishing	with lacquers and wood preservatives	organic vapors	HM	A1 P2/ A2 P2	depending on the concentration
Paintwork	Painting	with water soluble paint	big drops and spots of paint, vapors	HM	A1/ A1 P2	
Paintwork	Painting	with solvent based paint, lacquers and wood preservatives	solvent vapors	HM	A1/ A1 P2	AX, for low boiling substances
Paintwork	Painting	with anti-fouling paint	solvent vapors	HM	A1/ A1-P3	
Power plant	Filter exchange and revision		contaminated dust particles	HM/ FFP3	P3	
Plastic manufacturing	Grinding/ cutting/ drilling	of plastics	plastic powder	HM/ FFP2	P2/ AB P2	AB, if gases might be produced
Swimming pools	Cleaning		bacteria	HM/ FFP2	P2	
Swimming pools	Cleaning	additionally water treatment with chlorine	bacteria and gases	FM	AB2-P2	
Waste management	General handling	general waste sorting	dust particles	HM/ FFP3	P3	
Waste management	General handling	waste sorting where odors, bacteria or spores are present	gases and dust particles	HM	A-P3	
Waste management	General handling	contact with mold/ fungus spores	fungus spores	HM/ FM/ FFP2	P2	FM, depending on the concentration
Wood-working	Paint removal	flame cleaning of old coats of paint	gases, vapors, smoke, fine particles	HM or FM	A1B1 P2	



Business Field	Task	Application	Contaminant	Mask Type*	Filter*	Remarks
Wood-working	Paint removal	stripping of old coats of paint using solvent based agents	solvent vapors	HM	A1/ABEK	AX, for low boiling substances
Wood-working	Paint removal	stripping of old coats of paint with substances containing ammonia	solvent vapors, ammonia	HM	ABEK	
Wood-working	Paint removal	sanding, brushing off of old coats of paint, coatings	fine paint particles	HM/FFP2	P2	
Wood-working	Paint removal	sanding, brushing off of old coats of paint, coatings containing chromium	fine paint particles	FM/FFP3	P3	
Wood-working	Removal of adhesives	scraping off, sanding of adhesives such as polyester resin	fine particles	HM/FFP2	P2	
Wood-working	Gluing	using solvent based substances	solvent vapors	HM	A2	
Wood-working	Gluing	using solvent based substances (spray adhesives, e.g. polyester resin)	adhesive mist, solvent vapors	HM	A2 P2	
Wood-working	Gluing	with strong epoxy resin adhesive	vapors	HM	A2 P2	
Wood-working	Grinding/cutting/drilling	of wood	wood dust particles	HM/FFP2	P2	
Wood-working	Grinding/cutting/drilling	of beech wood and oak wood	wood dust particles	HM/FFP3	P3	

\*Note: This table serves as an orientation aid for the selection of masks and filters. It does not release you from observing the national regulations and laws, e.g. in Germany BGR 190. This table does not replace the instructions for use enclosed to each product, knowledge of and compliance with the instructions for use.



## Recommended use of masks and filters.

Business Field	Task	Application	Contaminant	Mask Type*	Filter*	Remarks
Biological substances	General handling	contact with bacteria	bacteria	HM/FM FFP2	P2	usage of FM depending on the concentration
Biological substances	General handling	contact with viruses	viruses	HM/FM/FFP3	P3	usage of FM depending on the concentration
Construction	Grinding/cutting/drilling	of cement	dust particles	HM/FFP1	P1	
Construction	Grinding/cutting/drilling	of knifing filter or filling material	dust particles	HM/FFP1	P1	P2, if caustic
Construction	Grinding/cutting/drilling	on brickwork, concrete, stone and plaster	stone powder	HM/FFP2	P2	
Construction	Grinding/cutting/drilling	on brickwork, concrete, stone and plaster with a	stone powder	HM/FFP2	P2	
Construction	Paving	tar	organic vapors, particles	HM	A1 P2/ A2 P2	depending on the concentration
Construction	Finishing	processing of glass fiber and mineral fiber, e.g. roof insulation	dust particles and fibers	HM/FFP2	P2	
Construction	Finishing	plastering	fine plaster dust	HM/FFP2	P2	
Construction	Finishing	sealing	organic vapors	HM	A1 P2/ ABE1 P2	
Construction	Finishing	clinkering (glue)	organic vapors	HM	A1 P2	AX, for low boiling substances
Construction	Finishing	roofing, tiling	tile and brick dust	HM/FFP2	P2	
Construction	Preparation	excavation of contaminated soil	gases, solvents, dust particles	HM	ABE1 P2	
Construction	Preparation	general demolition of brickwork, concrete, stone	dust particles	HM/FFP2	P2	
Construction	Casting/die casting (foundations)	of concrete, cement	concrete dust	HM/FFP2	P2	
Construction	Asbestos removal	asbestos	asbestos fibers	HM/	P3	

HM = Half mask  
FM = Full mask

# Proven, sophisticated, comfortable

## Dräger X-plore® 1300

The Dräger X-plore® 1300 combines proven and reliable respiratory protection with intelligent new ideas ensuring maximum comfort, ease of use and high end-user acceptance. Available in all three EN protection classes FFP1, FFP2 and FFP3 according to EN 149:2001+A1:2009, the Dräger X-plore® 1300 provides effective protection against fine dust as well as solid and liquid particles. All face pieces are optionally available with the CoolMAX™ exhalation valve for additional comfort.

### CoolSAFE™ filter material

Performance that makes a difference: CoolSAFE™ filter material produced from high-performance filter media combines low breathing resistance and high filter performance in one mask. The material also exceeds the challenging dolomite dust test requirements.

### Flexible nose clip

Ensures a great fit in the most critical area.

### Nose seal

Safe sealing in the most critical area: all face pieces are equipped with special nose seal. It is sweat-absorbing, comfortable and most importantly ensures an effective seal around the nose.

### Formed mask body

Proven, ergonomic, stable: The special design and shape of the mask body offers comfortable and secure fitting to faces with a wide variety of shapes and sizes. The masks can be donned quickly and easily. The interior volume ensures wearing comfort along with easy communication. Inside, the mask body is specially reinforced, thus ensuring dimensional stability throughout long periods of time.

D-6416-2/209

### VarioFLEX™ head harness with EasyStop

Easy to don/doff and adjust with a pressure-free fit: This continuous loop head harness is constructed from a robust, tear-proof textile strap. In contrast to other face pieces, no clips are required – preventing uncomfortable pressure and allergic reactions. The head harness can be donned/doffed easily and quickly, and without hair entanglement. Thanks to EasyStop, the head harness can easily be adjusted to fit various head sizes while sitting comfortably and safely.

### CoolMAX™ exhalation valve (optional)

Breathe easy and comfortably with extremely low breathing resistance. The exhalation valve releases humid and warm air, preventing heat build-up underneath the mask, allowing you to stay cool while working hard.

### Hypoallergenic inner layer

Comfortable to wear: the hypoallergenic inner layer is easy on your skin and gives the user added comfort even when used for longer periods of time.

### Colour coding

Fast recognition without confusion: the colour coded nose clip and valve classify the three EN protection levels dark-blue (FFP1), light-blue (FFP2) and white (FFP3). Providing easy recognition when selecting the right mask.



**Your benefits:**

- High level of wearing comfort through ergonomic shape and advanced filter media.
- Easy to don/doff and adjust thanks to VarioFLEX™ head harness with EasyStop
- Ensures a great fit and safe sealing in the critical nose area. The good seal keeps safety glasses from fogging.
- Odour-stopping versions equipped with an additional activated carbon layer filter out nuisance odours and unpleasant smells.
- Keeps logistics easy – with a universal size the Dräger X-plore® 1310 and Dräger X-plore® 1320 series
- A sure fit for the most demanding conditions – the Dräger X-plore 1330® is available in two sizes (S/M and M/L).



ST-661-2005

ST-1114-2005



Dräger X-plore® 1310 FFP1

ST-1113-2005



Dräger X-plore® 1310 V FFP1

ST-1116-2005



Dräger X-plore® 1320 FFP2

ST-1111-2005



Dräger X-plore® 1320 V FFP2

ST-1115-2005



Dräger X-plore® 1330 V FFP3 S/M  
Dräger X-plore® 1330 V FFP3 M/L

ST-1109-2005



Dräger X-plore® 1320 V Odour FFP2

ST-1111-2005



Dräger X-plore® 1330 V Odour FFP3

**ORDER INFORMATION**

Dräger X-plore® 1300	Marking	Items per Box	Order No.
Dräger X-plore® 1310	FFP1 NR D	20	39 51 211
Dräger X-plore® 1310 V	FFP1 NR D	10	39 51 212
Dräger X-plore® 1320	FFP2 NR D	20	39 51 213
Dräger X-plore® 1320 V	FFP2 NR D	10	39 51 214
Dräger X-plore® 1320 V Odour <sup>1)</sup>	FFP2 NR D	10	39 51 215
Dräger X-plore® 1330 V S/M	FFP3 NR D	5	39 51 216
Dräger X-plore® 1330 V M/L	FFP3 NR D	5	39 51 217
Dräger X-plore® 1330 V Odour <sup>1)</sup>	FFP3 NR D	5	39 51 218

<sup>1)</sup> Additional carbon layer against nuisance odours below the limit value

# Breathe cool, stay safe

## Dräger X-plore® 1700

Dräger X-plore® 1700 is the new generation of particle filtering face pieces. With its CoolSAFE™ filter material it offers effective protection against fine dust, as well as solid and liquid particles for use in applications with exposure to dusts, e.g. in industry, mining and specialised trades. It's a user-friendly mask with easy handling and a high degree of wearing comfort. The Dräger X-plore® 1700 series is available in all three protection levels in accordance with EN EN 149:2001 + A1:2009: FFP1, FFP2 and FFP3. Versions with CoolMAX™ exhalation valve keep breathing easy and cool. Odour stopping versions are equipped with an additional activated carbon layer against unpleasant nuisance odours.

### CoolSAFE™ filter material

Performance that makes a difference: CoolSAFE™ filter material produced from high-performance filter media ideally combines low breathing resistance and high filter performance in one mask. In addition, the dolomite dust testing requirements are achieved.

### Nose pad

Safe sealing in the most critical area: all facepieces are equipped with a high-quality foam nose pad. It is comfortable and ensures a secure seal around the nose.

### Soft inner layer

Comfortable to wear: the inner material layer is not only soft and hypoallergenic but also repels moisture thanks to its hydrophobic properties, keeping breathing resistance constantly low when used for longer periods of time.

### Colour coding

Fast recognition without confusion: colour coding classifying the three EN protection levels dark-blue (FFP1), light-blue (FFP2) and white (FFP3) provides greater security when selecting the right mask.



### VarioFLEX™ head harness

This continuous looped head harness is constructed from a stable, elastic textile strap which is easy to don and doff while sitting comfortably without any pressure. The soft, tearproof elastic can easily be adjusted to fit various sizes of head and prevents hair entanglement.

### Flexible nose clip

Ensures a great fit in the most critical area.

### CoolMAX™ exhalation valve (optional)

Breathe easy and comfortably: thanks to an extremely low breathing resistance. Additionally, the specially engineered CoolMAX™ exhalation valve releases humid and warm exhaled air, preventing heat build-up underneath the mask, allowing you to stay cool.

### Hygienic individual packaging

Each facepiece is individually packed in a plastic bag, ensuring it stays clean and hygienic.

### Folded form

All Dräger X-plore® 1700s are flat-folded, saving space and making them easier to transport



**Your benefits:**

- Low breathing resistance with high filtering performance
- CoolSAFE™ filter material prevents the inhalation of small particles and bears up against high levels of exposure to dust
- Easy to don and doff, straightforward operation
- Comfortable to wear thanks to soft, hypoallergenic material
- CoolMAX™ exhalation valve for easy breathing and reduced heat build-up in the mask
- Adjusts well to fit the face, resulting in less leakage
- Colour coding for faster recognition of the protection level
- Flat-folded and individually packed: saves space, easy to transport, hygienic and clean
- Greater overall comfort for the user, even when used for long periods



ST-13029-2007

ST-867-2007



Dräger X-plore® 1710  
FFP1

ST-8679-2007



Dräger X-plore® 1710 V  
FFP1

ST-9489-2007



Dräger X-plore® 1720  
FFP2

ST-8673-2007



Dräger X-plore® 1720 V  
FFP2

ST-110-2008



Dräger X-plore® 1730  
FFP3

ST-8667-2007



Dräger X-plore® 1730 V  
FFP3

ST-14180-2007



Dräger X-plore® 1710  
Odour FFP1

ST-14189-2007



Dräger X-plore® 1710/1720 V  
Odour FFP1/FFP2

**ORDER INFORMATION**

Dräger X-plore® 1700	Marking	Items per Box	Order-No.
Dräger X-plore® 1710	FFP1 NR D	20	39 51 080
Dräger X-plore® 1710 V	FFP1 NR D	10	39 51 081
Dräger X-plore® 1710 Odour <sup>1</sup>	FFP1 NR D	20	39 51 140
Dräger X-plore® 1710 V Odour <sup>1</sup>	FFP1 NR D	10	39 51 082
Dräger X-plore® 1720	FFP2 NR D	20	39 51 083
Dräger X-plore® 1720 V	FFP2 NR D	10	39 51 084
Dräger X-plore® 1720 V Odour <sup>1</sup>	FFP2 NR D	10	39 51 085
Dräger X-plore® 1730	FFP3 NR D	20	39 51 086
Dräger X-plore® 1730 V	FFP3 NR D	10	39 51 088

<sup>1</sup> Additional carbon layer against nuisance odours below the limit value

# The reusable alternative to disposable dust masks

## Dräger X-plore® 2100

Frequent work in a dusty environment requires reliable respiratory protection. The Dräger X-plore® 2100 is your reusable alternative to disposable dust masks. The replaceable filters save costs, making the Dräger X-plore® 2100 the ideal combination of safety and economic efficiency.

### Ergonomic, non-slip head harness

The ergonomic head harness combines stability with anti-slip features, making donning & doffing the mask quick and easy.

### Comfortable mask body

The ergonomically designed mask body offers a great sealing surface with noticeably reduced leakage compared to conventional disposable dust masks. The choice of two high-quality materials – EPDM or silicone – along with two sizes for the silicone mask ensure a great fit.

### Dräger replaceable filters

The large surface of the replaceable filters ensure long-lasting filter capacity and low breathing resistance. Filter change out is simple and cost effective.



ST-1762-2005

### The drop-down harness system

Stay protected:  
The drop-down system allows you to remove the mask without removing a hard hat or faceshield. By simply opening the neck clips the respirator slides down from your face and sits close to your body, protected from dirt and dust.

### Easy-breathing exhalation valve

The exhalation valve leads the exhaled air directly downwards to the valve and out of the mask, keeping you comfortable inside the mask.

**Your benefits:**

- Major cost savings – long-life filters can be easily exchanged.
- Ergonomic non-slip head harness.
- High filter efficiency and long life-time due to large surface area of Dräger replaceable filters.
- Excellent sealing surface through ergonomic design.
- Long service life – easy to maintain with quick and easy assembly and disassembly. Can be cleaned in designated washing machines at maximum temperature of 60 °C.



ST-6869-2005



ST-1762-2005

Dräger X-plore® 2100 – with comfortable silicone mask body.



ST-1114-2006

Dräger X-plore® 2100 – with mask body made of EPDM.



ST-398-2003

Dräger X-plore® 2100 filter



ST-5996-2006

Dräger X-plore® 2100 Kit for dusty workplaces with 5 filters FMP3D/P100.

**ORDER INFORMATION**

**Mask**

	<b>Order-No.</b>
Dräger X-plore® 2100, EPDM, universal size	R 55 881
Dräger X-plore® 2100, Silicone, size S/M	R 55 883
Dräger X-plore® 2100, Silicone, size M/L	R 55 882
Dräger X-plore® 2100 filter FMP2 R D (EN1827), VPE = 20 pcs.	67 37 352
Dräger X-plore® 2100 filter FMP3 R D (EN1827), VPE = 20 pcs.	67 36 777

**Dräger X-plore® 2100 complete sets: mask and 5 filters**

Dräger X-plore® 2100, EPDM, universal size, with 5 filters FMP3 R D	R 55 910
Dräger X-plore® 2100, Silicone, size M/L, with 5 filters FMP3 R D	R 55 915

# The economical singlefilter half masks

## Dräger X-plore® 4300

The Dräger X-plore® 4300 singlefilter half masks stand out in their light-weight and economical efficiency. The optimized mask design coupled with a hypoallergenic material mixture ensures comfort that you can afford to wear.



**Optimal fit**  
An ergonomic fit: hypoallergenic material and two sizes ensure you a comfortable fit, even for long-duration applications.

**Exhalation valve**  
The exhalation valve leads hot air and humidity directly out of the mask giving you a comfortable micro climate inside the mask.

**Continuous looped head straps**  
The continuous looped head straps with only two adjustment points make donning and doffing your mask quick and easy.

**Two filter connection types**  
The standard thread connection Rd40 (Dräger X-plore® 4340) and the Dräger-specific Rd90 thread (Dräger X-plore® 4390) – accommodate a variety of applications with suitable particle, gas and combination filters.

ST-297-2004

### ORDER INFORMATION

Dräger X-plore® 4340 (Rd40)	Medium/Large (M/L)	R 54 270
	Small/Medium (S/M)	R 54 275
Dräger X-plore® 4390 (Rd90)	Medium/Large (M/L)	R 54 280
	Small/Medium (S/M)	R 54 285

Suitable filters can be found on pages 21 and 31.



ST-296-2004

Dräger X-plore® 4340

# First class wearing comfort

## Dräger X-plore® 4700

The Dräger X-plore® 4700 offers excellent wearing comfort with an extremely secure seal. This is enabled by combining an extremely soft mask body held in place by an hard plastic shell which accommodates the carrying system. The wide range of filters for gases, vapors and particles accommodate a variety of applications.

### Ergonomic revert seal

Thanks to the ergonomic sealing system, the choice from two alternative materials and an option of two different sizes for the silicone mask the Dräger X-plore® 4700 offers first class comfort and secure sealing action.

### Exhalation valve

The exhalation valve leads the exhaled air directly down, keeping you comfortable inside the mask.

### Two filter connection types

The standard thread connection Rd40 and the Dräger-specific Rd90 thread – accommodate a variety of applications with suitable particle, gas and combination filters.

ST-700-2006



### Dräger “FlexiFit” head harness

The new smooth material ensures excellent fit to your head without hair entanglement. So soft, you won't notice it under your hard hat.

### Drop-Down System

By simply opening the neck closure of the harness system, the mask can be easily doffed without taking off your helmet. Positioned ready for use the inner mask remains close to the body and remains protected against contamination.

## ORDER INFORMATION

Dräger X-plore® 4740	Mask body silicone	Mask body TPE
Small/Medium (S/M)	R 55 875	-
Medium/Large (M/L)	R 55 874	R 55 876
Medium/Large (M/L), EH*	R 56 710	
Dräger X-plore® 4790		
Small/Medium (S/M)	R 55 878	-
Small/Medium (S/M), EH*	R 56 720	
Medium/Large (M/L)	R 55 877	R 55 879
Medium/Large (M/L), EH*	R 56 715	
Accessories		
Breathing hose with RA-connection	R 53 850	
Transport box Wikru	RM 07 000	

\*EH: Elastic Harness

ST-12767-2007



Dräger X-plore® 4740 EH with elastic harness made of sturdy material that is resistant to certain chemical substances. It can easily and comfortably be worn under a helmet.

# Effective team work

## Dräger singlefilter half masks and Dräger X-plore® Rd90 filters.

The Dräger-specific filter thread connection Rd90 fits to two different singlefilter half masks: The Dräger X-plore® 4390 and the Dräger X-plore® 4790. The Dräger Rd90 filters can be easily connected to your masks – with a wide filter range to suit your individual application. These half masks offer even more unbeatable benefits.

### Your benefits:

#### Dräger X-plore® 4300

- Optimal fit and easy handling.
- High wearing comfort due to low weight. Good for long operations.
- Two different sizes fit a variety of face sizes.
- Wide range of Dräger X-plore® Rd90 filters for various applications.
- Washable in special washing machines.
- Excellent price-performance ratio.
- Free of paint-affecting substances.

#### Dräger X-plore® 4700

- Excellent wearing comfort and secure seal.
- FlexiFit spider harness and FlexiFit harness for a perfect fit and optimum pressure distribution.
- Elastic harness (EH) made of sturdy material.
- Silicone version in two different sizes fits a variety of face shapes.
- Wide range of Dräger X-plore® Rd90 filters for a various applications.
- TPE Version is free of paint-affecting substances.



## The compatible filter range for a variety of applications.

Together with the Dräger singlefilter half masks the Dräger X-plore® Rd90 range of filters stands out due to its wide application range. Rd90 filters are not only limited to Dräger X-plore® Rd90 threaded masks. With the filter box adapter 40/90 Dräger X-plore® Rd90 threaded filters can be attached onto any standard thread, Dräger X-plore® Rd40, connection of other masks to help ensure the highest filter compatibility. Thus, the Dräger X-plore® Rd90 filters can be used together with all masks with standard thread connection according to EN 148-1.

### FILTER COLOUR CODES

Colour	Filter Type	Application Area
Brown	A	Gases and vapours of organic compounds. Boiling point > 65 °C
Gray	B	Inorganic gases and vapours e.g. chlorine, hydrogen sulphide, hydrocyanic acid.
Yellow	E	Sulphur dioxide, hydrogen, chloride
Green	K	Ammonia
Red	Hg	Mercury vapor
White	P	Particles



ST-166-1999

### ORDER INFORMATION

Filter	Colour	Packaging	Weight	Order-No.
<b>Particle Filters</b>				
Coarse dust filter	White	50 Pieces	2 g	67 36 705
Coarse dust filter (flame resistant)	White	10 Pieces	1 g	67 36 706
990 P2 R	White	5 Pieces	35 g	67 37 357
990 P3 R	White	5 Pieces	35 g	67 37 190
<b>Gas Filters</b>				
990 A1	Brown	5 Pieces	80 g	67 38 865
990 A2	Brown, Gray	5 Pieces	115 g	67 38 866
990 A2B2	Gray, Yellow	5 Pieces	160 g	67 38 769
990 B1E1	Brown, Gray, Yellow, Green	5 Pieces	95 g	67 38 764
990 A1B1E1K1	Brown, Gray, Yellow, Green	5 Pieces	160 g	67 38 810
<b>Combination Filters</b>				
990 A1 P2 R D	Brown, White	5 Pieces	90 g	67 38 867
990 A1 P3 R D	Brown, White	5 Pieces	90 g	67 38 869
990 A2 P2 R D	Brown, White	5 Pieces	125 g	67 38 868
990 A2 P3 R D	Brown, Gray, White	5 Pieces	125 g	67 38 870
990 A1B1 P2 R D	Brown, Gray, White	5 Pieces	100 g	67 38 774
990 A2B2 P2 R D	Brown, Gray, White	5 Pieces	165 g	67 38 771
990 A2B2 P3 R D	Gray, Yellow, White	5 Pieces	175 g	67 38 773
990 B1E1 P2 R D	Gray, Yellow, White	5 Pieces	100 g	67 38 770
990 B1E1 P3 R D	Brown, Gray, Yellow, Green, White	5 Pieces	100 g	67 38 772
990 A1B1E1K1 P2 R D	Brown, Gray, Yellow, Green, Red, White	5 Pieces	165 g	67 38 811
990 A1B1E1K1 Hg P3 R D	Brown, Gray, Yellow, Green, Red, White	5 Pieces	170 g	67 38 812
<b>Accessories</b>				
Filterbox 40/90 (Adapter)		5 Pieces	45 g	R 55 015

# A new dimension when it comes to comfort and handling

## The Dräger X-plore® twinfilter masks

Developed in close cooperation with industrial users worldwide the Dräger X-plore® twinfilter product range sets a new benchmark in comfort and handling. The Dräger X-plore® twinfilter range ideally combines safe and easy handling with wearable comfort. Newly developed materials and a modern practical design ensure the highest level of user acceptance. The harness's innovative X-structure provides optimum weight distribution, creating a safe, even seal all round without pressure points – comfort guaranteed. See for yourself and experience a new dimension in comfort and safety in respiratory protection.

### Dräger X-plore® 3000

#### Dräger "FlexiFit" head harness

The new smooth material ensures excellent fit to your head without hair entanglement. You won't notice it under your hard hat.

#### Flexible nose sealing strip

The special design of the nose sealing strip ensures leak free sealing and an optimal fit with safety glasses.

#### Innovative X-guided strap system

Cross over straps ensure an even weight distribution – giving you ultimate comfort without pressure.

#### Compact, low profile design

The swept-back position of the filters guarantees a wide field of vision free from obstruction and ensures optimal fit for use under protective visors. Three sizes (S, M, L) ensure a perfect fit for every type of face.

#### New "DrägerFlex" material

Specially developed for the Dräger X-plore® 3500 mask body "DrägerFlex" combines hypoallergenic properties with excellent chemical resistance. (Dräger X-plore® 3500).

#### "Drop Down" strap system

Allows you to remove the mask without removing a hard hat or faceshield: By simply opening the neck clips the respirator slides down from your face and sits close to your body, protected from dirt and grime. (Dräger X-plore® 3500 only).

#### Safe and easy bayonet connection

A unique two-point bayonet connector attaches both filters to the mask using the same technique. Filters only go in one way – so you can't get it wrong. Place the filter in the connection and turn a 1/4 turn downwards. The filter gently clicks into place.





## The right set for your application:



ST-12430-2008

Dräger X-plore® 3300  
Set for Painter (R57793)



ST-12429-2008

Dräger X-plore 3300  
Set for Chemical Works (R57794)



ST-12431-2008

Dräger X-plore® 3500  
Construction Set (R56960)

The painter set, consisting of a Dräger X-plore® 3300 half mask (size M) and two filters A2 P3, was especially designed for protective requirements in paint shops when working with paint and varnish.

The chemical work set, consisting of a Dräger X-plore® 3300 half mask (size M) and two filters A1B1E1K1 Hg P3, protects the user when handling a variety of chemical substances.

The construction set consists of a comfortable half mask Dräger X-plore® 3500 (size M) and two Pure P3 filters. It offers perfect protection against dust particles.



ST-54455-2007

Dräger X-plore® 3300 – the low-maintenance half mask. The right choice for all those who require inexpensive and comfortable respiratory protection.



ST-718-2006

Dräger X-plore® 3500 – the half mask for demanding and continuous operations. Specially equipped with the comfortable "DrägerFlex" material.

### ORDER INFORMATION

#### Half masks (EN 140)

Half masks (EN 140)		Order-No.
Dräger X-plore® 3300	Size S	R 55 331
	Size M	R 55 330
	Size L	R 55 332
Dräger X-plore® 3500	Size S	R 55 351
	Size M	R 55 350
	Size L	R 55 352

#### Accessories

Wikru storage box for half masks		RM 07 000
Bayonet connection sealing cap (for pressure drop tests)		AG 02 460

# Our solution for your applications

## Dräger X-plore® 5500 for safe breathing and clear vision

Comprehensive respiratory and eye protection make the Dräger X-plore® 5500 full face mask the right solution for environments in which respiratory protection coupled with eye protection is required.

### Double-layered face seal

The highest protection factor through its triple sealing action ensures a sure seal for every type of face.

### Large visor

Excellent field of vision without distortion plus a high level of chemical, thermal and mechanical resistance. The triplex visor is extremely scratch-resistant with high chemical resistance.

### Safe and easy bayonet connection

A unique two-point bayonet connector attaches both filters to the mask using the same technique. Filters only go in one way – so you can't get it wrong. Place the filter in the connection and turn a 1/4 turn downwards. The filter gently clicks into place.

### 5-point head harness

The harness allows quick and easy donning and doffing of the mask without hair entanglement.

### Universal size

The universal size ensures an almost perfect fit for all face sizes – keeps storage and spare parts handling simple.

### Compact, low profile design

The swept-back position of the filters guarantees the user's field of vision is free from obstruction.



## ORDER INFORMATION

### Full face mask (EN 136 – class 2)

Dräger X-plore® 5500 Polycarbonate lens, universal size

Dräger X-plore® 5500 Triplex lens, universal size

### Order-No.

R 55 270

R 56 655





















### Accessories

For accessories see page 31



Dräger X-plore® 5500  
Triplex with stainless  
steel frame










## OVERVIEW OF THE AVAILABLE FILTERS

Filters		Filter Type (EN 141:200 bzw. EN 14387, EN 143:2000)	Colour Code	Packaging Unit	Order-No.
<b>Particle Filters</b>	ST-81-2004 	P1 NR Pad		20	67 38 001
		P2 R Pad		20	67 38 002
	ST-689-2002 	P3 R with housing		22	67 38 011
	ST-7737-2008 	Dräger X-plore® Pure P2 R		20	67 38 353
	ST-7739-2008 	Dräger X-plore® Pure P3 R		20	67 38 354
ST-7735-2008 	Dräger X-plore® Pure Odour P3 R		20	67 38 391	
<b>Gas Filters</b>	ST-50-2004 	A1		20	67 38 872
		A2		20	67 38 873
	ST-5454-2007 	A2 B2		18	67 38 775
	ST-5460-2007 	A1 B1 E1		20	67 38 778
	ST-59-2004 	A1 B1 E1 K1		20	67 38 816






R = Particle filter or particle filter section of combination filter which can be used for several shifts.  
 NR = Particle filter or particle filter section of combination filter which can be used for one shift only.  
 D = Passed the optional dolomite dust test.



### Combination Filters

ST-565-2004		A1 P3 R D		14	67 38 874
		A2 P3 R D		14	67 38 875
ST-5457-2007		A2B2 P3 R D		12	67 38 776
ST-59-2004		A1B1E1K1 Hg P3 R D		14	67 38 817
ST-5457-2007		A2B2E2K2 Hg P3 R D*		10	67 38 819

### Accessories

ST-440-2004		Pad cap for use with pads		12	67 38 038
ST-441-2004		Pad retainer for use with pads		12	67 38 039
ST-5445-2007		Pre-filter		40	37 38 159
ST-5463-2007		Pre-filter cap		14	67 37 576
ST-7588-2007		Dräger X-plore® Pure Adapter for use with gas filters to combine with X-plore® Pure		10	67 38 356


















\*only for use with full face mask.



## Dräger X-plore® bayonet filter range: Overview of the filters to be used with the Dräger X-plore® 3300, 3500 and 5500 respiratory protection masks.

Dräger X-plore® bayonet filter range: A practical selection of filters that are compatible with all Dräger X-plore® half masks and full face masks of the Dräger X-plore® 3000 and 5000 series. With Dräger's bayonet connection, the Dräger X-plore® bayonet filters are an inexpensive, practical and effective way to filter all kinds of hazardous substances out of the air.

### POSSIBLE COMBINATIONS OF FILTERS, PADS AND PRE-FILTERS:

Pads used in combination with gas filters		+		+		=	
Pads as particle filters		+		+		=	
Pure in combination with gas filters		X		+		=	
Pure as an individual particle filter							
Pre-filter with combination filters		+		+		=	

\*67 38 369 only for use with full face mask.

# Full action, full protection

## The Dräger X-plore® 6000 full face masks

After decades of use, Dräger full face masks have become the known standard for quality, reliability and comfort. These full face masks are the successors to the Panorama Nova standard threaded masks – redesigned and improved with fresh colours and an integrated bar code.

### Double-layered face seal

The highest protection factor through its triple sealing action ensures a safe seal for every type of face – in one universal size. The mask body is available in two materials: EPDM and silicone.

### Large visor

Excellent field of vision without distortion. Different materials offer high resistance to chemicals, heat and mechanical stress guaranteeing a long service life.

### Highly compatible standard Rd40 thread connection

Easy to service and widely compatible standard thread connection, these masks fit to all Rd40 threaded filters as well as powered air purifying respirators and normal pressure compressed air breathing apparatuses.

### 5-point head harness

Quick and easy donning and doffing is guaranteed. The roller buckles and wide flaps ensure comfortable handling without hair entanglement.

### Integrated barcode

A barcode inside the mask makes checking inventories and carrying out maintenance easy.



**Your benefits:**

- A wide range of masks to meet your individual needs.
- Ease of use ensures high user safety and comfort.
- Robust and easy to service: highly economical.
- A full line of accessories and spare parts.
- One universal size makes logistics and storage easy.
- Barcode helps you to better monitor and manage your masks.
- Stainless steel speech diaphragm for excellent communication (Dräger X-plore® 6500).



ST-8418-2005



ST-7497-2005

Dräger X-plore® 6300



ST-7498-2005

Dräger X-plore® 6530 PC with EPDM mask body and stainless steel speech diaphragm.



ST-7499-2005

Dräger X-plore® 6530 Triplex with EPDM mask body and stainless steel speech diaphragm.



ST-7501-2005

Dräger X-plore® 6570 PC with silicone mask body and stainless steel speech diaphragm.

**ORDER INFORMATION**

**Masks**

Masks	Order-No.
Dräger X-plore® 6300 EPDM/PMMA	R 55 800
Dräger X-plore® 6530 EPDM/PC with blue plastic frame	R 55 795
Dräger X-plore® 6530 EPDM/Triplex with stainless steel frame	R 55 810
Dräger X-plore® 6530 EPDM/PC with stainless steel frame	R 51 525
Dräger X-plore® 6570 SI/PC with yellow silicone face blank and stainless steel frame	R 51 535
Dräger X-plore® 6570 SI/PC with blue silicone face blank and black plastic frame	R 55 790
Dräger X-plore® 6570 SI/Triplex with stainless steel frame	R 55 850

**Accessories**

Wikov V mask box	R 51 019
Protex mask bag	R 54 939
Spectacles frame	R 51 548
Paint spray covers (for protection of the visor, 25 pcs.)	40 55 092
"klar-pilot" anti-fogging gel (50 ml)	R 52 560
DAISYquick cleaning wipes (10 pcs.)	R 54 134
Welding shield	40 53 437
Adapter for welding shield (for supplementary panels and welding protective filters with a 110mm x 90mm format)	R 57 308

You can find more accessories and versions of the Dräger X-plore® series in our separate data sheets for full face masks and in our price list.



ST-7500-2005

Dräger X-plore® 6570 Triplex with silicone mask body and stainless steel speech diaphragm.

# Compatibility with diversity

## The Dräger X-plore® Rd40 filter portfolio

Being in chemical industry, automobile industry, shipbuilding, metal processing industry, utility industry or waste disposal – for decades Dräger respiratory protection filters have been synonymous with safety worldwide. They filter out hazardous substances effectively and inexpensively.

The Dräger X-plore® Rd40 range of filters with standard-thread connection according to EN 148-1 offers optimum protection against almost all hazardous substances. The filters are ideal in terms of breathing resistance, size

and performance and fit all half and full face masks with an Rd40 connection. They are also compatible with the Dräger X-plore® 4340, Dräger X-plore® 4740, Dräger X-plore® 6000 and Dräger X-plore® 7500.



ST-3176-2003

Dräger X-plore® Filter Rd40:  
620 A2B2E2K2 Hg P3 R D



ST-1163-2002

Dräger X-plore® Filter Rd40:  
Sectional drawing



ST-679-2008

Dräger X-plore® Filter Rd40


































## Our range of filters:

### FILTER COLOUR CODE

Colour Code	Filter Type	Main Application Range
Brown	AX	Gases and vapours of organic compounds. Boiling point ≤ 65 °C
Brown	A	Gases and vapours of organic compounds. Boiling point > 65 °C
Gray	B	Inorganic gases and vapours e.g. chlorine, hydrogen sulphide, hydrocyanic acid
Yellow	E	Sulphur dioxide, hydrogenchloride
Green	K	Ammonia
Black	CO	Carbon monoxide
Red	Hg	Mercury vapour
Blue	NO	Nitrous gases including nitrogen monoxide
Orange	Reaktor	Radioactive iodine including radioactive iodomethane
White	P	Particles



## ORDER INFORMATION

Filter	Colour code	Order-No.	Half mask Dräger X-plore® 4340/Dräger X-plore® 4740	Full face mask Dräger X-plore® 6000	Powered air respirator Dräger X-plore® 7500
<b>Particle Filter</b>					
1140 P3 R (incinerable)		67 38 932	X	X	X
<b>Gas Filters</b>					
940 A2		67 38 855	X	X	
940 A2B2		67 38 779	X	X	
1140 AX		67 38 863	X	X	
1140 AXB2		67 38 782		X	
940 E2		67 38 796	X	X	
940 K2		67 38 856	X	X	
940 A2B2E2K1		67 38 802	X	X	
1140 A2B2E2K2		67 38 804		X	
<b>Combination Filters</b>					
940 A2 P2 R D		67 38 857	X	X	
1140 A2 P3 R D		67 38 860	X	X	X
940 A2B2 P2 R D		67 38 780	X	X	
1140 A2B2 P3 R D		67 38 783	X	X	X
1140 AX P3 R D		67 38 862	X	X	
940 K2 P2 R D		67 38 858	X	X	
940 A2B2E2K1 P2 R D		67 38 803	X	X	
1140 A2B2E2K1 Hg P3 R D		67 38 815	X	X	
1140 A2B2E2K2 Hg P3 R D		67 38 797		X	X
1140 A1B2E2K1 Hg NOP3 RD / CO 20 P3 RD		67 38 801		X	
1140 A2B2E2K2 Hg NOP3 RD / CO 20 P3 RD		67 38 814		X	
1140 Nuclear P3 D		67 38 871	X	X	
1140 Reactor P3 R D		67 38 861	X	X	
1140 Reactor P3 R D		67 38 859		X	
<b>Dräger X-plore® Rd40 X-tended (a minimum of 30% higher performance compared to standard requirements)</b>					
X-tended 1140 A2		67 38 928	X	X	
X-tended 1140 A2 P3 R D		67 38 929	X	X	
X-tended 1140 A2B2E2K2		67 38 930		X	
X-tended 1140 A2B2E2K2 Hg P3 R D		67 38 927		X	
<b>Dräger X-plore® Rd40 CARGO (bulk cargo in a neutral packaging)</b>					
1140 P3 R (25 pcs.)		67 32 974	X	X	
940 A2B2E2K1 (27 pcs.)		67 38 926	X	X	
1140 A2B2 P3 R D (27 pcs.)		67 38 925	X	X	
1140 A2B2E2K2 Hg P3 R D (27 pcs.)		67 38 923		X	
1140 A1B2E2K1 Hg NOP3 RD / CO 20 P3 RD (27 pcs.)		67 38 924		X	
				X	

# Comfort without resistance

## Dräger X-plore® 7000 powered air purifying respirators

The Dräger X-plore® 7000 series powered air purifying respirator systems offer you respiratory protection without breathing resistance. Thanks to a universally compatible line of hoods, helmets and visors the 7000 Series provides you major flexibility for all your operations.

## Dräger X-plore® 7300

The Dräger X-plore® 7300 powered air purifying respirator protects you from hazardous particles. Main application areas include grinding, welding, metal processing, wood-working and farming applications. Especially during long usage periods, it is the optimal choice for respiratory protection in these areas.

### Continuous air flow

The air supplied can be adjusted to meet your individual needs. Depending on the application the air flow can be individually adjusted for helmets, hoods, visors and masks.

### Multi-functional control panel

Everything is under control with the easy to operate multifunctional control panel. By pressing a button the air flow can be adjusted and the battery status and filter load be monitored.



### Visual and audible alarm signal

With flashing lights and loud alarm signals the two-stage warning device provides for your safety in any potentially hazardous situation.



### Flexible filter unit

Optionally, pre-filters and carbon-layered odour filters are available.

### Comfort belt standard

The ergonomically designed comfort belt makes it easy to carry the unit in any working environment. For supreme comfort a premium version with additional padding is available.

### NiMH-battery

With an operating time of up to 15 hours the NiMH battery ensures highest possible freedom of movement and independence in an ergonomically compatible way. The NiMH battery can be charged separately or while installed in the X-plore® 7300 unit.

### Full range of accessories

The Dräger X-plore® Helmets, hoods and visors as well as the Dräger X-plore® 4740 half masks and Dräger X-plore® 6000 full face masks can be combined with the Dräger X-plore® 7300 series.

**Your benefits:**

- Special breathing comfort due to an individually adjustable constant air flow independent of the filter load and battery status.
- The audible and visual alarms provides a two-stage warning system.
- Quick and simple control with the easy to operate multi-functional display.
- Freedom of movement and independence with long-lasting NiMH battery.
- According to your specific application you can compile your individual set under the modular system order code R57300.
- A full range of accessories can be found on page 39.



ST-4697-2003



ST-3210-2003

Dräger X-plore® 7300



ST-3215-2003

Dräger X-plore® 7300 Filter  
TH/TM3 P SL R, pre-filter,  
odour filter

ST-3192-2003

Dräger X-plore® 7300  
additional battery and  
charger

ST-3196-2003

Dräger X-plore® Comfort  
belt standard**ORDER INFORMATION**

<b>Dräger X-plore® 7300 Blower unit</b>	<b>R 56 750</b>
NiMH Battery	R 55 343
Battery charger EU	R 55 156
Battery charger UK	R 55 427
Comfort belt standard	R 55 362
Comfort belt premium	R 55 363
Corrugated hose TH2	R 56 704
Corrugated hose TH3	R 55 571
Corrugated hose TM2/TM3	R 55 342
<b>Filter</b>	
Filter TH/M3 P SL R	67 36 715
Pre-filter (VPE = 10 pcs.)	67 36 716
Odour filter (VPE = 10 pcs.)	67 36 717

More accessories and suitable head attachments can be found on page 39 or please also refer to our separate brochure "Dräger X-plore® hoods, helmets and visors".

# Effective protection without breathing resistance

## Dräger X-plore® 7500

The Dräger X-plore® 7500 powered air purifying respirators offer effective respiratory protection against hazardous gases, vapours and particles without breathing resistance. Applications range anywhere where dusts & gases contaminate the air – from painting up to work in the chemical, petrochemical, and farming industry.

**Visual and audible alarm signal**  
With flashing lights and loud alarm signals the two-stage warning device provides for your safety in any potentially hazardous situation.

**Continuous air flow**  
The air supplied can be adjusted to meet your individual needs. Depending on the application the air flow can be individually adjusted for helmets, hoods, visors and masks.

**Comfort belt premium**  
The ergonomically designed comfort belt makes it easy to carry the unit in any working environment.

**Full range of accessories**  
Dräger X-plore® Helmets, hoods and visors as well as the Dräger X-plore® 4740 half masks and Dräger X-plore® 6000 full face masks can be combined with the Dräger X-plore® 7500.

**Multi-functional control panel**  
Everything is under control with the easy to operate multi-functional control panel. By pressing a button the air flow can be adjusted and the battery status and filter load monitored.



**Standard Dräger filter Rd40 – easy logistics!**  
If you are already using Dräger X-plore® Rd40 filters with your masks, you can use the same filters with the Dräger X-plore® 7500 – no additional filters must be stocked.

**NiMH battery**  
With an operating time of approx. 6 up to 10 hours the NiMH battery ensures you enough time to get the job done. The NiMH battery can be loaded separately or while installed in the unit.



**Your benefits:**

- Special breathing comfort due to an individually adjustable constant air flow independent of the filter load and battery status.
- The audible and visual alarms provide a two-stage warning system.
- Quick and simple control with the easy to operate multi-functional display.
- Use with standard Rd40 filters allows flexibility in your respiratory program (filters can be used with Rd40 threaded masks as well)
- Freedom of movement and independence with long-lasting NiMH battery.
- According to your specific application you can compile your individual set under the modular system order code R57500.
- A full range of head-pieces can be found on page 39.



ST-4702-2003



ST-3220-2003

Dräger X-plore® 7500



ST-3176-2003

Combination filter  
1140 TH/M3 A2B2E2K2 Hg  
P SL R



ST-3193-2003

Dräger X-plore® 7500  
additional battery and  
charger



ST-3194-2003

Dräger X-plore® Comfort  
belt premium

**ORDER INFORMATION**

<b>Dräger X-plore® 7500 Blower unit</b>	R 56 751
NiMH Battery	R 55 344
Battery charger EU	R 55 157
Battery charger UK	R 55 345
Comfort belt standard	R 55 362
Comfort belt premium	R 55 363
Corrugated hose TH2	R 56 704
Corrugated hose TH3	R 55 571
Corrugated hose TM2/TM3	R 55 342

<b>Filter</b>	
Filter 1140 P3 – 1140 TH/TM3 P SL R	67 38 932
Filter 1140 A2 P3 – 1140 TH/TM3 A2 P SL R	67 38 860
Filter 1140 A2B2 P3 – 1140 TH/TM3 A2B2 P SL R	67 38 783
Filter 1140 A2B2E2K2 Hg P3 – 1140 TH/TM3 ABEK2 Hg P SL R	67 38 797
Filter plug for operation with 2 particle filters	R 53 344

More accessories and suitable masks can be found on page 39 or please also refer to our separate brochure "Dräger X-plore® hoods, helmets and visors".



# Supplied air system delivering air to you

## Dräger X-plore® 9000

Dräger X-plore® 9000 system is an inexpensive and comfortable belt unit for light-duty compressed airline applications. Approved for the use with Dräger X-plore® Half and full face masks, Dräger X-plore® Helmets, hoods and visors this modular system provides comfortable and reliable respiratory protection in accordance with EN 14594:05.

Via a 10-metre compressed air hose the Dräger X-plore® 9000 is connected to a source of breathing air (pressurised ring main, mobile air source or a compressor). An adjustment valve on the belt unit enables the user to regulate the air supply between 170 and 400 l/min and therefore adapt the air flow to his or her individual needs. The Dräger X-plore® 9000 is characterised by a particularly low noise level and is very

light in weight, enabling the user to work safely for long periods while benefiting from excellent comfort.

Completing the supplied air system is an optional air conditioning unit. This filter station removes particles, adhesions like oil mists and unpleasant odours from industrial compressed air and therefore substantially improves the quality of the inhaled air.

### ORDER INFORMATION

Dräger X-plore® 9000 Belt unit (including belt and silencer)	R 56 660
Corrugated hose for the connection of the Dräger X-Plore® Hoods, helmets and visors	R 56 657
Corrugated hose for the connection of the Dräger X-Plore® Half and full face masks	R 56 656
Silencer	R 56 658
Dräger X-plore® 9000 – Waist belt	33 53 925
Dräger X-plore® 9000 – Filter station	33 53 926
Dräger X-plore® 9000 – Spare filter for filter station	33 53 927
Spiral compressed air hose 10 m	33 53 928
Standard compressed air hose 10 m	33 53 929



Dräger X-plore® 9000 –  
Belt unit for a constant  
air supply



Dräger X-plore® 9000  
Filter station (Conditioner)

# The Dräger X-plore® Helmets, hoods and visors: Different combinations for all of your applications

Our extensive range of Dräger X-plore® Helmets, hoods and visors with their great variety of combinations offer utmost flexibility. All head pieces can be flexibly used with the Dräger X-plore® 7300, 7500 and Dräger X-plore® 9000 units. A system that optimally adapts to your requirements.

Wherever action is required: the protective headpieces of the Dräger X-plore® System is the first step in adequate protection.

The headpiece portfolio includes the Dräger X-plore® Short hood which covers the head and face. If additional protection for the neck is required we recommend using the Dräger

X-plore® Long hood, which is also available as TH3 version with a higher protection factor.

The Dräger X-plore® Protective face shield with a specially developed air duct system for utmost wearing comfort is the optimal combination of respiratory and eye protection. For areas where it is mandatory to

wear a hard hat the Dräger X-plore® Protective helmet with visor is the right choice. Aside from conventional welding shields the Dräger X-plore® Welding visor is also available with auto-darkening lenses. With this great variety of combinations it is not the system that decides about the alternatives, but the user.



Dräger X-plore® Protective helmet with visor



Dräger X-plore® Welding visor



Dräger X-plore® Long hood, white



Dräger X-plore® Protective face shield (PC)  
Not pictured: Dräger protective face shield (AC)

## ORDER INFORMATION

### Dräger X-plore® Helmets, hoods and visors for Dräger X-plore® 7300, 7500, 9000

Dräger X-plore® Short hood, grey TH2	R 56 736
Dräger X-plore® Short hood, orange TH2	R 56 737
Dräger X-plore® Long hood, grey TH2	R 56 738
Dräger X-plore® Long hood, orange TH2	R 56 739
Dräger X-plore® Long hood, white TH3 <sup>2</sup>	R 56 740
Dräger X-plore® Protective face shield (PC) TH2	R 56 746
Dräger X-plore® Protective face shield (AC) TH2	R 56 728
Dräger X-plore® Protective helmet with visor TH2	R 56 747
Dräger X-plore® Welding visor TH2	R 55 348
Dräger X-plore® 7000 Corrugated hose TH2	R 56 704
Dräger X-plore® 7000 Corrugated hose TH3	R 55 571
Dräger X-plore® 7000 Corrugated hose TM2/TM3	R 55 342

### Dräger X-plore® masks for Dräger X-plore® 7300, 7500, 9000

Dräger X-plore® 4740 TPE	R 55 876
Dräger X-plore® 4740 Silicone S/M	R 55 875
Dräger X-plore® 4740 Silicone M/L	R 55 874
Dräger X-plore® 6300 <sup>1</sup>	R 55 800

Other accessories for the visors and spare parts can be found in the product brochure Dräger X-plore® helmets, hoods and visors.

<sup>1</sup> All other Dräger X-plore® 6000 masks can also be used; see page 28.

<sup>2</sup> Not approved for the use with the Dräger X-plore 9000 supplied air system.



Dräger X-plore® Short hood, grey  
Not pictured: Dräger X-plore® Short hood, orange



Dräger X-plore® Long hood, orange  
Not pictured: Dräger X-plore® Long hood, grey

# Powered air purifying respirators for use with half and full face masks

## Dräger Panorama BelAir® GC

The Dräger Panorama BelAir® GC can be used when extremely high contaminant concentrations are present – up to 500 times higher than the limit value. The dust and splash water protected unit (classification: IP54) can be decontaminated after the use in extremely demanding work environments, like asbestos remediation. Three different filters reliably filter out most harmful substances. The TM3 classes A2B2 P SL R and B2K2Hg P SL R as well as particle filter P SL R are available.



132592

### ORDER INFORMATION

Dräger Panorama BelAir® GC	R 53 380
Dräger X-plore® 6570 <sup>1</sup>	R 55 800
Dräger X-plore® 4740 TPE <sup>2</sup>	R 55 876
Carrying strap for Dräger X-plore® 4740 incl. accessories	R 53 643
Particle filter BelAir® 33 TM3 P SL R	67 38 900
Combined filter BelAir® 55 TM3 A2B2 P SL R	67 38 898
Combined filter BelAir® 55 TM3 B2K2 Hg P SL R	67 38 899
Charger with overcharge protection	64 30 720

<sup>1</sup> All other Dräger X-plore® 6570 masks can also be used; see page 28.

<sup>2</sup> All other Dräger X-plore® 4740 masks can also be used; see page 19.



ST:7496-2005

Dräger X-plore® 4740, TPE



ST:7497-2005

Dräger X-plore® 6300



# Protection that goes beyond your mask

Dräger is synonymous with professional respiratory protection world-wide. We not only offer a complete range of compatible air purifying respiratory protection products but are your partner when it comes to questions regarding occupational safety and health.



Dräger is always the right partner – not only when it comes to masks, filters, compressed airline systems, self-contained breathing apparatuses and escape devices, but also a world-wide sales and service network – Dräger is able to offer you the most extensive support available.

This includes support in service, maintenance, repair and cleaning of the Dräger products as well as the speedy supply of spare parts – no matter where you are. In addition, the Dräger Safety Academy offers an extensive training program. Competent advice for the correct use of filters or for the selection of a suitable respiratory protection is certainly also part of our comprehensive service portfolio.

Our high demands on quality and service as well as the alignment with the needs of our customers result in durable products for your daily working routine. Pursuant to this our long-term product concepts guarantee reliable fulfilment of demands and spare parts supply in the future.

All this makes Dräger a reliable partner of the industry in every respect. On your request we develop comprehensive safety concepts and solutions far beyond the individual products. This can also include financing solutions, as leasing and financing are a part of our service portfolio. This is a part of our integral service concept.

Did you expect anything less from Dräger?

# When danger is lurking

## Dräger PARAT® Filtering escape devices

The industrial filtering escape devices Dräger PARAT® 3100, Dräger PARAT® 3200 and Dräger PARAT® 4500 along with the fire escape hood Dräger PARAT® C all have a vital task: to protect people when escaping from hazards into a safe environment.

Despite extensive precautions, accidents still happen – and dangerous gases can break out into concentrations that are dangerous to life and health. The Dräger

PARAT® filtering escape devices and hoods combine compactness and sturdy design with easy handling. These handy and efficient devices are designed for

a 15-minute escape period and offer the best possible protection in hazardous situations and thus considerably enhance your chance to make a safe escape.



ST-1853-2005

Dräger PARAT® 3100



ST-1850-2005

Dräger PARAT® 3200



ST-727-2006

Dräger PARAT® 4500

### Dräger PARAT® 3100 and 3200

- The Dräger PARAT® 3100 half mask with quick release opening.
- Safe and easy donning even for inexperienced users.
- The Dräger PARAT® 3200 mouthpiece has a nose clip for lowest possible leakage and easy use for bearded wearers.
- ABEK filter for protection against numerous toxic gases and vapors.
- Sturdy, handy packaging – for a long service life.
- Transparent cover with flexible clip – can be carried close to the body – e.g. on your belt.

### Dräger PARAT® 4500

- The universal hood in an orange signal colour can be easily used by people wearing spectacles and beards.
- The large anti-fog coated visor ensures an excellent field of vision on the escape route.
- The combination filter ABEK P15 filters out harmful organic and inorganic gases and particles.
- Optionally PARAT® 4500 is available in an extra robust casing – ideal for use in underground areas.



ST-2488-2005

# Dräger PARAT® C

With the Dräger PARAT® C fire escape hood people who are caught in a fire can clearly enhance their chances of escaping to safety. People can rescue themselves by using the Dräger PARAT® C – and fire services can use the Dräger PARAT® C to rescue others which may be stranded. The use of Dräger PARAT® C in public buildings has proven itself time and time again.

### Your benefits:

- The universal-sized hood in an orange signal colour has a flexible collar
- The large anti-fog coated visor provides a wide field of vision during escape.
- The high-performance combination filter CO-P2 filters out dangerous gases and carbon monoxide.



ST-1596-2003



ST-270-2002

Dräger PARAT® C  
Soft-Pack



ST-277-2002

Dräger PARAT® C  
Twin-Pack



D-11284-2010

Dräger PARAT® C/4500  
Escape hood

## ORDER INFORMATION

Dräger PARAT® 3100 half mask with ABEK15 filter	R 57 981
Dräger PARAT® 3200 mouthpiece with nose clip and ABEK15 filter	R 57 982
Spare Filter PARAT® 3100 and 3200, ABEK15	R 57 983
Dräger PARAT® 4520 Soft-Pack, in a handy traveller pack	R 57 977
Dräger PARAT® 4530 Traveller-Pack, in a sturdy plastic case	R 57 979
Dräger PARAT® 4560 Box, in robust casing suitable for use underground	R 57 980
Spare part kit PARAT® 4500 (including ABEK-P15 filter and exhalation valve)	R 57 978
Dräger PARAT® C Soft-Pack, in a handy traveller pack	R 53 555
Dräger PARAT® C Traveller-Pack, in a sturdy plastic case	R 52 818
Dräger PARAT® C Single-Pack, in a compact cardboard box	R 52 817
Dräger PARAT® C Twin-Pack, two escape hoods in a transparent wall-mounted box	R 52 845
Dräger PARAT® C Box in robust casing suitable for use underground	R 54 461
Dräger PARAT® C/4500 Training unit	R 54 105
Spare part kit PARAT® C (including CO-P2 filter and exhalation valve)	R 57 302
Wall holder for Dräger PARAT® C/4500 Traveller-Pack	R 51 906
Harness for wearing the Parat® C/4500 Traveller-Pack on the belt	R 53 205

Please find more accessories and spare parts in our respective product information.

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