Dräger X-plore® 1900
Particle Filtering Face Piece

Dräger X-plore® 1900 is a high-performance, single-use dust mask for protection against fine dust and particles. The premium particle filtering mask is available in two sizes, combining ease of use, exceptional comfort and optimal fit. For the highest degree of safety – even for people wearing spectacles.

Tear-resistant VarioFLEX head straps
make the mask easy to put on and take off and comfortable to wear

Flexible nose clip and soft nose pad
for a secure seal without discomfort

Soft inner lining made from gentle, moisture-resistant material
for long-lasting comfort

SmartFOLD design with patented double reinforcement
provides increased breathing space and a sturdy mask body

Three-part folding design
for optimal adjustment to the face and stable positioning of the mask

CoolMAX exhalation valve (optional)
effectively releases humid and warm exhaled air to the outside

CoolSAFE filter material
for high filtration efficiency and low breathing resistance

Two sizes (S and M/L)
for an optimal fit for virtually every face

Dräger. Technology for Life®

Benefits

High filtration efficiency for increased safety

The CoolSAFE filter material offers effective protection against fine dust as well as solid and liquid particles. It combines high filtration efficiency with low breathing resistance, allowing the user to work easily and without tiring for long periods of time. The mask is particularly suited for working safely in environments with high levels of dust exposure.

It is available in the three EN protection classes which are easily recognisable through their colour coding (FFP1 = yellow, FFP2 = orange, FFP3 = red).

Ease of use

The flexible, continuous looped VarioFLEX head strap makes it easy to put on the Dräger X-plore 1900. Simply unfold the mask, place it on your face, position the straps and press on the nose clip, following the visible marking. Also due to its stable shape, donning the mask is easy and wearing is comfortable. It fits securely and seals tightly without any pressure. The compact folding design saves storage space, whether in the warehouse or on the way to a work site. Each single-use mask comes in a hygienic individual package, protecting it from contamination.

Optimal fit

The dust mask is available in two sizes (S and M/L). This makes it suitable for many different shapes and sizes of face, so each wearer can choose the right size for an optimal fit. The three-part folding design offers high flexibility in terms of fit, so the mask easily adjusts to the wearer's face. It also ensures that the mask stays firmly in position. Even when the wearer speaks, the mask does not shift.

The flexible nose clip integrated into the filter material is combined with a soft nose pad on the inside. This allows the mask to be effectively positioned and securely sealed in the nose area. The VarioFLEX head straps are highly flexible and adjust individually to various head sizes.

Exceptional comfort

Thanks to the latest high-performance filtering materials, the particle filtering half masks allow the wearer to breathe with virtually no resistance. The optional models fitted with a CoolMAX exhalation valve reduce breathing resistance even further while also helping prevent the accumulation of warmth and moisture inside the mask. This provides relief for the user, especially during strenuous physical activities, and makes breathing even more comfortable.

The Dräger X-plore 1900 series features the SmartFOLD design with patented double reinforcement. This makes the mask shape highly stable and provides a generous breathing space. Additionally, exhaled air is directed downwards, reducing the perceived temperature inside the mask.

Benefits

Great vision with glasses

During product development special focus was placed on the design so that the masks are fully compatible with protective eyewear. Thanks to the special design of the masks, spectacles wearers can also wear the Dräger X-plore 1900 comfortably, without the mask or glasses getting in each other's way and without the spectacles fogging up.

Details

D-12571-2018

Protection classes are easily recognisable with colour coding

D-6423-2018

Available in two sizes for various face shapes

D-17449-2018

A good combination: Dräger X-plore® 1900 and protective eyewear

D-12599-2018

Visible marking for pressing on the nose clip

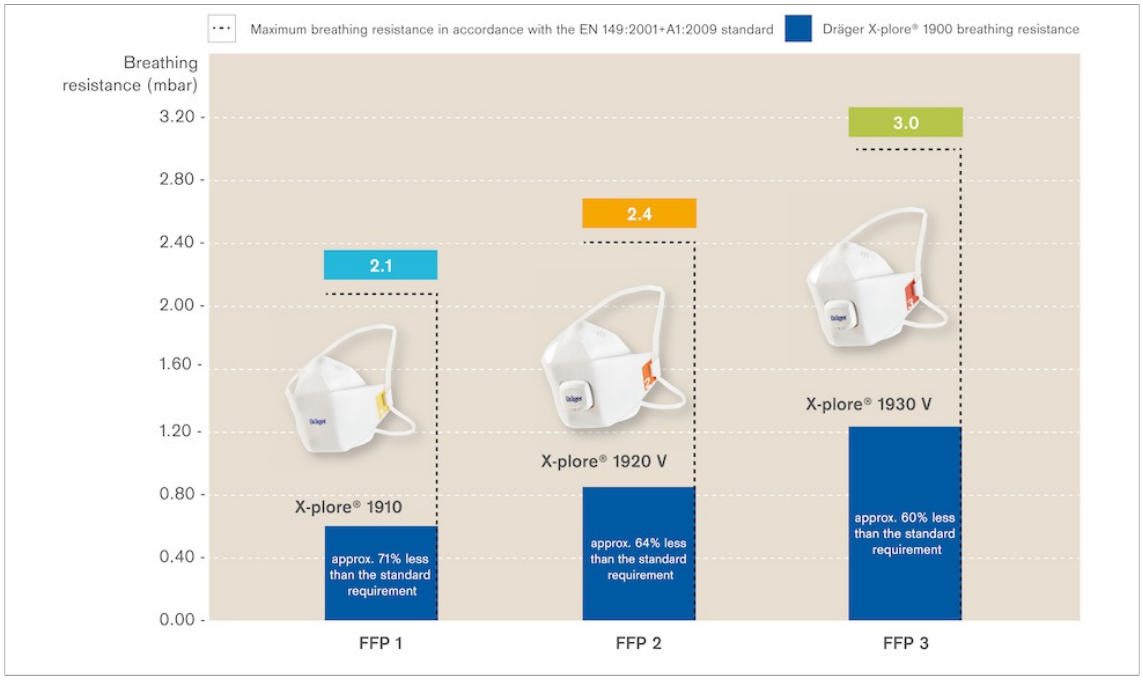
D-12561-2018

Compact, folded design and hygienic individual packaging

D-12604-2018

The exhalation airflow is optimally directed out of the mask

Breathing resistance up to 71% lower than the standard requirement



* All values for inhalation at 95 l/min. The values depicted are average values for the Dräger X-plore® 1900 version in size M/L, based on Dräger's internal testing, measured according to the requirements of the EN 149:2001+A1:2009 standard.

Related Products

Dräger X-plore® 1300

The Dräger X-plore® 1300 combines proven and reliable respiratory protection with intelligent new ideas ensuring a high level of comfort and ease of use.

D-6416-2209

Related Products

ST-8679-2007

Dräger X-plore® 1700

Breathe cool, stay safe: Dräger X-plore® 1700 makes breathing easy and comfortable. The CoolSAFE filter material ideally combines low breathing resistance and high filter performance in one mask. And the CoolMAX valve efficiently releases humid and warm exhaled air to the outside. This makes breathing particularly easy and keeps you cool under the mask.

D-50311-2012

Dräger X-plore® 1700+

Hardly noticeable breathing resistance thanks to the specially developed CoolSAFE+ filter material: The Dräger X-plore® 1700+ particle filtering face pieces provide optimum breathing comfort through minimum breathing resistance.

Technical Data

INFORMATION ON USAGE

Protection class	Multiple[1] of limit value[2]	Fields of application and restrictions on use
FFP1	4	Against solid and liquid particles, however not against carcinogenic and radioactive materials, airborne biological substances from risk groups 2 and 3, and enzymes[3]
FFP2	10	Against solid and liquid particles, however not against radioactive materials, airborne biological substances from risk group 3, and enzymes[3]
FFP3	30[4]	Against solid and liquid particles, and also against radioactive materials, airborne biological substances from risk group 3, and enzymes[3] Not approved in Australia.

[1] in accordance with EN 529:2005, amendments by national regulations are possible

[2] maximum permitted concentration of harmful substances specified by country

[3] if necessary, strict observance of differing national regulations

[4] UK: 20

Dräger X-plore® 1900		
Approvals	EN 149:2001+A1:2009, (EU) 2016/425	
	AS/NZS 1716/2012	
	SANS 50149:2003	
Marking D	Passed the dolomite dust test against clogging	
Marking NR	The mask can only be used for a maximum of one work shift	
Materials*	Filter material CoolSAFE	Polypropylene
	VarioFLEX head straps	Polyester + elastane
	Holder for straps	Polypropylene
	CoolMAX valve: Housing / valve disc	Polypropylene / Isoprene
	Nose clip (integrated)	Tinplate (aluminium-free)
	Nose pad	synthetic foam
	*All components are latex-free	
Colour		white
Colour coding	FFP1	yellow
	FFP2	orange
	FFP3	red
Dimensions (length x width x height in mm)	X-plore® 1910 / 1920 / 1930	215 x 80 x 10
	X-plore® 1910 V / 1920 V / 1930 V	215 x 80 x 23
Weight (in g)	X-plore® 1910 / 1920 / 1930	10.7 / 11.3 / 11.8
	X-plore® 1910 V / 1920 V / 1930 V	14.5 / 15.1 / 15.6
Country of origin	Sweden	

Technical Data

APPLICATION INFORMATION

Activity	Type of particles	Filter class
Woodworking		
Sanding – hardwood, softwood	Fine particles, wood dust	FFP2
Woodcutting – hardwood, softwood	Fine particles, wood dust	FFP2
Wood staining (stain containing copper or chrome)	Fine paint mists	FFP3
Paint removal	Fine paint particles	FFP2
Paint removal, (paints containing chrome)	Fine paint particles	FFP3
Sanding/Grinding		
Rust/corrosion removal	Rust/corrosion and metal dust	FFP2
Masonry/concrete	Stone dust	FFP2
Hard- and softwood	Wood dust	FFP2
Synthetics/Plastics	Synthetic dust	FFP2
Painting	Paint particles	FFP2
Painting, (paints containing chrome)	Paint particles	FFP3
Iron/steel	Metalurgical dust	FFP2
Stainless steel	Metalurgical dust	FFP3
Adhesive removal	Fine dust	FFP2
Construction and mining		
Painting with watersoluble paints	Large paint particles	FFP2
Sprayable varnish	Paint mists	FFP2
Demolition	General dust	FFP2
Foundation setting	Concrete dust	FFP1
Concrete handling	Concrete dust	FFP1
Concrete pouring	Fine plaster dust	FFP2
Woodworking	Wood dust – soft and hard	FFP2
Insulation installation	Dust and fibres	FFP1
Roofing and tiling	Roof and tile dust	FFP2
Mining	Fine stone dust	FFP2
Metal processing		
Zinc*	Zinc/general metalurgical fumes	FFP3
Aluminium*	Aluminiumoxide fumes	FFP3
Stainless steel*	Metal oxide fumes	FFP3
Mamual arc welding* / Laser welding*	Sparks, fumes	FFP3
Hard soldering	Fumes	FFP2
Drilling	Metalurgical dust	FFP1
Sawing	Metalurgical dust	FFP1
*Welding: For concentrations of harmful gases (e.g. O_3, NO_X) below limit values.		
Waste disposal		
Waste disposal	Dust	FFP3
Cleaning tasks in low-level dust environments	Dust (non-toxic)	FFP2
Sweeping grounds	Dust (non-toxic)	FFP2
Disposal of waste and sewage	Bacteria/funghi	FFP2
Disposal of medical waste	Bacteria/virus	FFP3
This guide does not release the user from the obligation to comply with national applications and laws, for example the DGUV-R 112-190 in Germany. Please read the instruction manual provided with the products.		

Ordering Information

Dräger X-plore® 1910 FFP1	Size	Marking	Item/Box	Part no.
Dräger X-plore® 1910	M/L	FFP1 NR D	20	395 1910
Dräger X-plore® 1910	S	FFP1 NR D	20	395 1911
Dräger X-plore® 1910 V	M/L	FFP1 NR D	10	395 1915
Dräger X-plore® 1910 V	S	FFP1 NR D	10	395 1916
Dräger X-plore® 1920 FFP2	**Size**	**Marking**	**Item/Box**	**Part no.**
Dräger X-plore® 1920	M/L	FFP2 NR D	20	395 1920
Dräger X-plore® 1920	S	FFP2 NR D	20	395 1921
Dräger X-plore® 1920 V	M/L	FFP2 NR D	10	395 1925
Dräger X-plore® 1920 V	S	FFP2 NR D	10	395 1926
Dräger X-plore® 1930 FFP3	**Size**	**Marking**	**Item/Box**	**Part no.**
Dräger X-plore® 1930	M/L	FFP3 NR D	20	395 1930
Dräger X-plore® 1930	S	FFP3 NR D	20	395 1931
Dräger X-plore® 1930 V	M/L	FFP3 NR D	10	395 1935
Dräger X-plore® 1930 V	S	FFP3 NR D	10	395 1936

V = versions with CoolMAX exhalation valve

Sizes: M/L = medium/large; S = small

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