

## Dräger X-plore® 1700

Breathe easier and work safely. For over 100 years, Dräger has followed this philosophy when developing respiratory protection products. As customers' requests, requirements, and regulations constantly change in today's working environment, Dräger continuously strives for new and improved respiratory protection solutions.



The Dräger X-plore® 1700 series has been developed in cooperation with users for the specific requirements in the areas of industry, specialized trades and services. It sets new standards for comfort and use, performance and protection, along with modern design.

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. The Dräger X-plore® 1700 series offers a wide variety of different masks to meet the needs of different application areas.

Users can choose between two NIOSH protection classes: N95 and R95 which are optionally available with the CoolMAX™ exhalation valve for additional comfort. Odor stopping versions, containing an activated carbon layer are ideal for users which battle with unpleasant nuisance odors. All versions are NIOSH approved.

### COOLSAFE™ FILTER MATERIAL

The specially developed CoolSAFE™ filter material combines various high-performance filter media to achieve an excellent filter performance. Coarse and fine particles are effectively stopped in the various filter layers. At the same time, the breathing resistance remains very low, allowing the user to work easily and without tiring for longer periods.



Dräger X-plore® 1750 N95



Dräger X-plore® 1700

# Setting new benchmarks in comfort, protection and material

## 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.

## Flexible nose clip

Ensures a great fit, in the most critical area.

## Soft inner layer

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

## Folded form

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



## Hygienic individual packaging

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

## VarioFLEX™ head harness

This continuous loop head harness is constructed from a stable, elastic, textile strap which is easy to don and doff while sitting comfortably with minimal pressure. The soft, tear-proof elastic easily stretched to fit various sizes of head and prevents hair entanglement.

## 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.



ST-18024-2007



ST-13169-2007

**CoolMAX™ exhalation valve:**

Optimal exhalation airflow from the new Dräger X-plore® series.



ST-1111-2008

**Nose pad**

The ergonomic shape and the comfort nose pad ensures a secure seal for various facial shapes.



ST-8665-2007

**Activated carbon layer against nuisance odors**

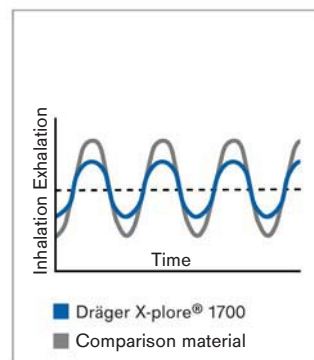
Odor versions are equipped with an activated carbon layer which filters out unpleasant nuisance organic odors.



ST-14196-2007

**COOLMAX™ EXHALATION VALVE**

Small details, large effect: the CoolMAX™ exhalation valve was engineered to optimally guide the exhalation airflow away from the mask. Thanks to the extremely low breathing resistance, it is particularly easy to breathe. The effective removal of humid and warm exhaled air successfully prevents a heat build-up under the face-piece during longer periods of use. The result: the user enjoys the highest levels of breathing comfort.



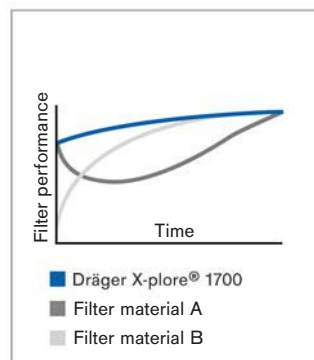
ST-1113-2008

**Comparison of breathing resistances:**

lower breathing resistance compared to other filter materials.

**SECURE SEAL**

Alongside the material's filter performance, a secure seal without leakage is decisive in how effective the masks' protection really is. The Dräger X-plore® 1700 serves as a role model in sealing performance. Its ergonomic form and soft material fits well to the face. The nose pad and nose clip holds it effectively in place in the critical areas around the nose. Fits, sits, and seals securely.



ST-1112-2008

**Comparison of filter principles:** higher filter performance compared to other filter materials.

**WEARING COMFORT**

A few minutes or a couple of hours. The longer the period of use, the more important the wearing comfort. Safety professionals around the world have confirmed: if respiratory protection is not comfortable to wear and easy to operate, it does not get used. While questionnaires evaluated some masks as uncomfortable, restrictive or complicated to use, we have developed the Dräger X-plore 1700® series in such a way that no compromises are necessary.

**TECHNICAL DATA**

Filter material	CoolSAFE™ for protection against solid and liquid non-volatile particles
Odor versions	With additional activated carbon layer against nuisance organic odors below the limit value
Approvals	NIOSH
N95	TC-84A-4396
N95 with valve	TC-84A-4557
R95	TC-84A-4556
N95 Odor	TC-84A-4555

**ORDER INFORMATION**

Dräger X-plore® 1700	Rating	Pieces per Box	Order No
Dräger X-plore® 1750	N95	20	3951320
Dräger X-plore® 1750 V	N95	15	3951321
Dräger X-plore® 1750 V Odor	N95	15	3951322
Dräger X-plore® 1760 V	R95	15	3951326

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