



ST 1935-2006

## **Lasting safety in long operations** The Dräger M2000 NBC Protection System

DRÄGER M2000  
DRÄGER F2000

# almost **fit** every user

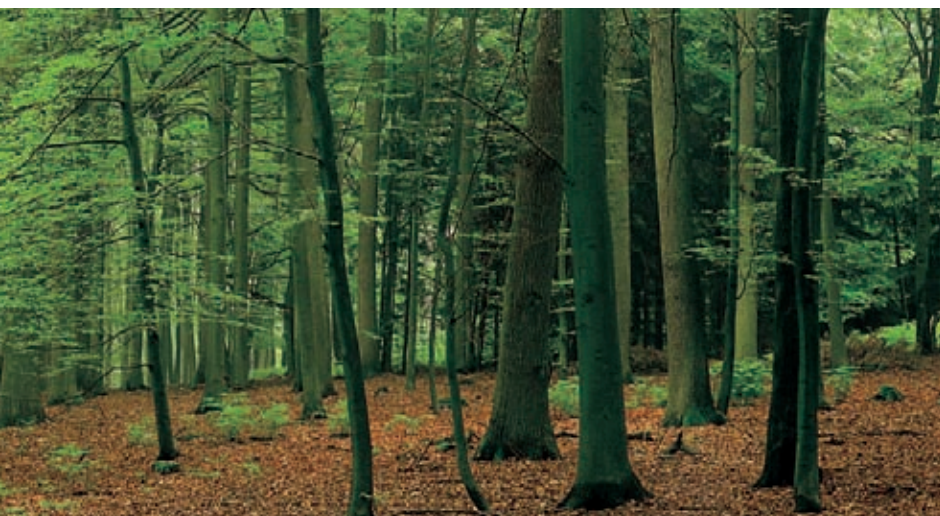


No two faces are the same.  
Which is why the Dräger M2000 is designed to fit almost every user.

## **An invisible enemy can attack without warning.**

The most potent threats are not always visible: Bacteria, gases, unknown chemicals. Just because we can't see them it doesn't mean that they're not there. In normal circumstances the air around us contains a range of substances that are harmless. However, it's best to be prepared for a worst-case scenario, because whatever the operation, being properly equipped is essential to the successful accomplishment of your mission.

# protect the air we breathe



Some enemies are invisible. In such situations, the combination of detection and protection systems provides safety.

Who would have thought that the air we breathe, which is our most important asset, could potentially pose a serious threat? Such a threat can go completely unnoticed or often, this threat first becomes apparent after the air has been inhaled. That is why, when operating in environments where contamination is a constant threat, continuous respiratory protection is essential.

Dräger has more than 100 years experience in the development of products and services which are designed to protect the air we breathe. Dräger technology has been successfully employed by people working in dangerous environments – be it in the military, fire service, mining and diving applications. With the Dräger M2000 personal NBC protection system, Dräger is

once again setting new standards in the comfort of the wearer and the flexibility of the application. After all, only a mask which is worn can protect and help to accomplish a mission safely.



# maximum comfort

## Longer-lasting protection for extended operations: The Dräger M2000

The Dräger M2000 was designed for maximum comfort even in operations lasting 24 hours or more. It ensures that the user is able to concentrate on the operation fully.

### Compatibility.

From helmets and personal protective equipment to sighting devices, the Dräger M2000 is designed for maximum compatibility with your existing equipment. What's more, it is designed to fit every user. Three mask body sizes ensure that the Dräger M2000 is compatible with 96% of all face shapes around the world – male and female. The Dräger M2000 provides the user with optimal vision in more ways than one. A field of vision – over 90% – allows to keep the overview in the operation. Even spectacle wearers can see clearly with the additional option to insert spectacle frames.

### Application Flexibility.

Two types of filters can be used with the Dräger M2000 – the NATO standard-threaded filter and the Dräger M2000 plug-in filter. This allows existing filter stocks to be used up and means filters from allied organizations can also be used. The plug-in connector enables an ultra fast filter change, minimizing the danger of contamination for the user and allowing them to return to their task as quickly as possible.



### Comfort.

A textile 6-point head harness ensures evenly distributed support and keeps the mask sitting tight – also in combination with a helmet. To ensure the mask doesn't twist to one side during longer operations, the filter is located in the middle of the mask, ensuring that the centre of gravity remains close to the symmetry line of the face. Additionally, the filter offers a choice of two positions for both left- and right-handed shooters, giving the user all the benefits of a side-mounted filter. The position can be adjusted without removing the mask or the filter; the user simply turns the filter to lock it into the required position. An integrated drinking device allows the user to take in fluids and additionally enables oxygen to be supplied in an emergency without removing the mask.



## Effective respiratory protection demands an integrated approach.

The Dräger M2000 NBC protection system presented in this brochure is just one of a wide range of safety solutions offered by Dräger Safety. In addition Dräger also supplies devices for detecting and classifying hazardous substances, as well as systems that provide the user with breathable air for long periods of time, regardless of the ambient atmosphere.

## The NBC protection system Dräger M2000

### Benefits of the Dräger M2000:

#### 1. Effective protection:

- protects against chemical and biological agents as well as radioactive particles
- mask can be fitted in under 9 seconds
- filter can be changed in 20 seconds
- protects against flames and radiation up to EN 136 Class 2
- clip-on lenses for protection against laser or glare
- integrated drinking device allows emergency oxygen to be supplied to the user without removing the mask
- drinking device is designed to minimize contamination

#### 2. Optimal comfort:

- low breathing resistance
- high levels of comfort, even when worn for over 24 hours
- opening in the chin pocket allows fluid to escape via exhalation valve

- 6-point textile head harness, with 4 pre-adjustable buckles
- optimum airflow prevents fogging of lenses and spectacles
- no visual distortion
- drinking device swivels for easier connection to external hydration systems
- drinking device mouthpiece is imperceptible when not in use and can be extended towards the mouth when required
- clinical tests have proven that the materials used are hypoallergenic

#### 3. Flexible logistics, easy maintenance:

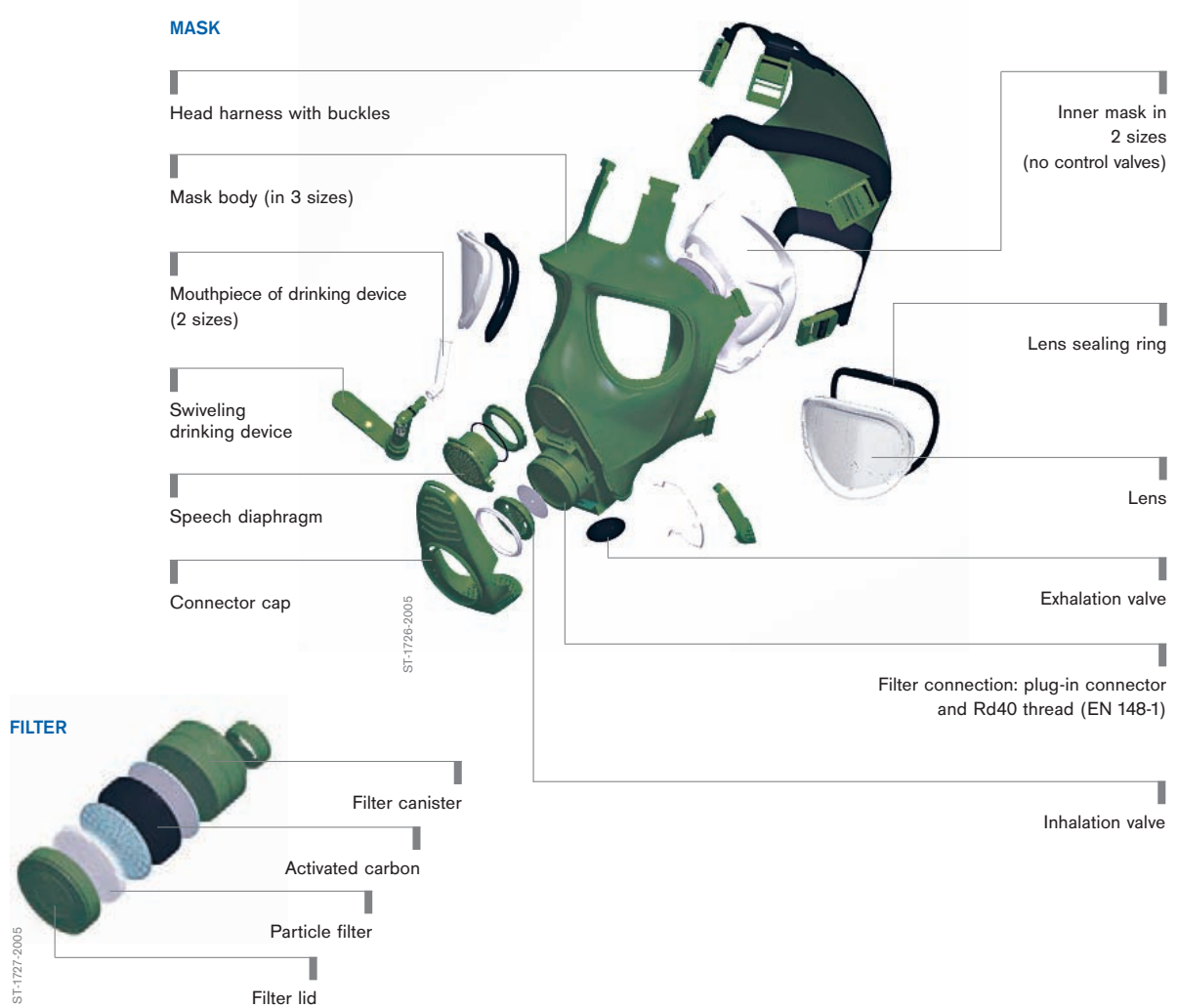
- can be used with standard NATO filter systems (Rd40 thread)
- shelf life: 20 years
- no special tools required for maintenance and repair – not even to change the lenses
- major cost reduction through easy spare part logistics

- use of many similar parts for all three mask sizes and no control valves for inner mask are needed

#### 4. Optimal compatibility:

- can be used with all standard helmets and over garments
- integrated speech diaphragm ensures clear communication even via radio
- prescription glasses can be easily integrated using the spectacle kit
- can be used with any vision aids or other optical systems
- compatible with all standard decontamination methods, including hot steam decontamination at temperatures of up to 170 degrees Celsius

# NBC-protection system Dräger M2000



## ORDER INFORMATION

			<b>Order No</b>
ST-4735-2003		<b>Masks</b> Dräger M2000, size S Dräger M2000, size M Dräger M2000, size L	R 55 825 R 55 820 R 55 830
ST-491-2003		<b>NBC filter</b> For protection against chemical and biological agents as well as radioactive particles.	67 38 010
ST-428-2003		<b>Spectacle frame</b> Two-piece. Can be positioned individually, mask can be folded with frame fitted, allows air to keep circulating freely, decontamination-resistant (without corrective lenses).	R 55 976
ST-436-2003		<b>Anti-glare lenses</b> With plastic box. For extra eye protection against thermal exposure, highly durable, can be fitted to lenses quickly and easily, even when wearing gloves.	R 55 335
ST-437-2003		<b>Laser-protection lenses</b> With plastic box. For extra eye protection against laser beams, highly durable, can be fitted to visors quickly and easily, even when wearing gloves (available on request only).	R 55 334
<b>Drinking device adaptor</b>			
ST-7873-2008		<b>Hose Adapter</b> For connecting a canteen to the mask's drinking facility. Prevents contamination spread (also facilitates emergency oxygen supply).	R 55 777
ST-7874-2008		<b>CamelBak® Adapter</b> For connecting a CamelBak® to the mask's drinking facility. Prevents contamination spread	R 55 977
<b>Testing accessories</b>			
ST-3806-2005		<b>Exhalation valve plug</b> Plug for the exhalation valve for testing negative/positive pressure.	R 56 754
ST-3805-2005		<b>Test Adapter</b> Cap for the filter connector for testing negative/positive pressure.	R 56 755
ST-7873-2008		<b>Adapter for PORTACOUNT®</b> Set with 3 pcs.	R 56 757

Further accessories are available on request.

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