# Dräger X-plore® 8000

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1 Safety-related information

1.1 Basic safety rules
- Before using this product, carefully read the Instructions for Use.
- Strictly follow the instructions for use. The user must fully understand and strictly observe the instructions. Use the product only for the purposes specified in the Intended Use section of this document.
- Do not dispose of the instructions for use. Ensure that they are retained and appropriately used by the product user.
- Follow the local and national guidelines pertaining to this product.
- Maintenance work, which is not described in these instructions for use, may only be carried out by Dräger or trained Dräger specialists.
- Use only genuine Dräger spare parts and accessories, or the proper functioning of the product may be impaired.
- Only use Dräger battery chargers.
- Do not use a faulty or incomplete product. Do not modify the product.
- Notify Dräger in the event of any component fault or failure.

1.2 Use in explosion-hazard areas (only Dräger X-plore 8700)
Devices or components that are used in explosion-hazard areas and which are certified and approved in accordance with national, European or international explosion protection guidelines may only be used under the conditions indicated in the approval and in compliance with the relevant legal provisions. Devices and components may not be modified. The use of defective or incomplete parts is prohibited. The applicable provisions must be complied with when performing repairs on these devices or components.

1.3 Meaning of the warning notes
The following alert messages are used in this document to provide and highlight areas of the associated text that require a greater awareness by the user. A definition of the meaning of each alert message is as follows:

<table>
<thead>
<tr>
<th>Alert icon</th>
<th>Signal word</th>
<th>Consequences in case of non-observance</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="WARNING" /></td>
<td>WARNING</td>
<td>Indicates a potentially hazardous situation. If not avoided, it could result in death or serious injury.</td>
</tr>
<tr>
<td><img src="image" alt="CAUTION" /></td>
<td>CAUTION</td>
<td>Indicates a potentially hazardous situation. If not avoided, it could result in physical injury. It may also be used to alert against unsafe practices.</td>
</tr>
<tr>
<td><img src="image" alt="NOTICE" /></td>
<td>NOTICE</td>
<td>Indicates a potentially hazardous situation. If not avoided, it could result in damage to the product or environment.</td>
</tr>
</tbody>
</table>

2 Description

2.1 System overview
The Dräger X-plore® 8000 powered air purifying respirator may be composed of different components depending on its field of application and the required protection class. Observe particularly the filter operating limits (see Instructions for Use of the filters).

Illustration of the system overview on the fold-out page (Figure A)

A complete device includes:
1 Breathing hose
2 Facepiece (example with hood)
3 Carrying system
4 Blower unit with filter and rechargeable battery

2.2 Components

2.2.1 Blower unit
Illustration on the front of fold-out page (figure B)
1 Tube connection
2 Control panel
3 Suction inlet
4 Splash guard cover
5 Filter (not enclosed with blower unit)
6 Filter lock button

Illustration on back of the fold-out page (figure C)
1 Carrying system socket
2 Name plate
3 Carrying system lock button
4 Battery lock button
5 Rechargeable battery (not enclosed with blower unit)

Illustration of the control panel on the fold-out page (figure D)
1 Rechargeable battery status indicator
2 Residual particle filter capacity indicator
3 On/off button
4 Flow rate indicator
5 Reduce flow rate
6 Increase flow rate

Display on control panel

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Battery capacity" /></td>
<td>Battery capacity depending on number of displayed segments:</td>
</tr>
<tr>
<td><img src="image" alt="Segments light up in green" /></td>
<td>&gt; 75 % (4 segments)</td>
</tr>
<tr>
<td></td>
<td>&gt; 50 % (3 segments)</td>
</tr>
<tr>
<td></td>
<td>&gt; 25 % (2 segments)</td>
</tr>
<tr>
<td></td>
<td>&lt; 25 % (1 segment)</td>
</tr>
</tbody>
</table>
The decontaminable belt has a smooth plastic webbing and is particularly recommended for decontamination.

- Welding belt
  For the welding belt, the webbing is made of leather. The welding belt is intended for use when welding.

### 2.2.5 Rechargeable batteries

Illustration on the fold-out page (figure F)

1. Battery lock button
2. Battery status indicator
3. Button to display battery capacity
4. Name plate

The rechargeable lithium-ion batteries are specially designed for use with the powered air purifying respirator. A long-life rechargeable battery is also available in addition to the standard rechargeable battery.

**i** Rechargeable batteries for the different X-plore 8500 and X-plore 8700 device types cannot be interchanged.

The battery status indicator shows the battery capacity while you charge the unit with the standard charger or when you push the button. The segments of the battery status indicator are flashing while you charge the unit.

The battery status indicator is identical to the one on the blower unit control panel (see chapter 2.2.1 Blower unit).

The rechargeable batteries reach their full capacity after 5 charge and discharge cycles. The standard charging time takes approx. 3 hours.

In cases where the rechargeable battery has been completely drained, charging may take up to 4 hours. During this time the battery status indicator is not supported.

To prevent damage to or explosion of the rechargeable battery, charging is limited to a temperature range of 0 to 50 °C. If this temperature range is exited, the charging process will stop automatically and continue once within the temperature range again.

### 2.2.6 Standard battery charger

Illustration on the fold-out page (Figure G)

1. Status LED
2. Power supply unit
3. Battery compartment

#### Explanation of the status LED

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Status LED is green." /></td>
<td>Rechargeable battery is inserted and fully charged (standby mode)</td>
</tr>
<tr>
<td><img src="image" alt="Status LED is flashing green." /></td>
<td>Rechargeable battery is inserted and being charged.</td>
</tr>
<tr>
<td><img src="image" alt="Status LED is flashing yellow." /></td>
<td>Temporary disruption of charging (e.g. from excessively high temperature)</td>
</tr>
</tbody>
</table>

### 2.2.2 Filter and facepieces

Filter and facepieces are described in separate Instructions for Use.

The facepiece half/full mask types and hood/helmet/protective visor have varying flow ranges. The blower unit automatically detects the respiration connection type and automatically selects the appropriate flow range.

### 2.2.3 Breathing hoses

The following breathing hoses are available:
- standard hose
- flexible hose for increased comfort

Both breathing hoses are available for each of the following facepiece types:
- plug-in connector (hood)
- bayonet-type connector (helmet and protective visor)
- round-thread connector (half/full face mask)

### 2.2.4 Carrying systems

Illustration on the fold-out page (Figure E)

1. Connection plate
2. Webbing
3. Clips on ends of the belt
4. Buckle

The following carrying systems are available:
- Standard belt
  The standard belt consists of a textile webbing and press studs to attach comfortable padding.
- Decontaminable belt

---

1) The residual capacity of the gas filter or the gas filter components of the combination filter cannot be indicated.

warning devices

The blower unit displays malfunctions with segments flashing red or yellow on the control panel. The blower unit will also trigger an acoustic and vibration alarm.

**i** Depending on the thickness and material of the clothing, the vibration alarm might not be perceived.
2.6 Approvals
2.6.1 Respiratory protection
The powered air purifying respirator is approved according to
- EN 12941
- EN 12942
- AS/NZS 1716:2012
- (EU) 2016/425
Declaration of conformity, see document Dräger X-plore 8000
Notes on approval or www.draeger.com/product-certificates

2.6.2 ATEX and IECEx
The X-plore 8700 powered air purifying respirator is approved under designation APR 00** according to
- EN/IEC 60079-0
- EN/IEC 60079-11
The device conforms to ATEX Directive 2014/34/EU.

Device marking according to ATEX
II 2G Ex ib IIIB T4 Gb
II 2D Ex ib IIIB T135 °C Db
TA: -10 °C < Ta < +50 °C

Device marking according to IECEx
Ex ib IIIB T4 Gb
Ex ib IIIB T135 °C Db
TA: -10 °C < Ta < +50 °C

2.7 Explanation of type-identifying marking and symbols
2.7.1 Name plates
Illustration of the name plates (example), refer to fold-out page. The information on the name plates may vary.

Blower unit Figure H
Rechargeable bat- tery Figure I
Standard battery charger Figure J

1 Product name
2 International Protection Code
3 Approval marking
4 “Follow instructions for use” symbol
5 WEEE symbol "Separate collection of electrical and electronic equipment"
6 Country of production
7 China RoHS marking
8 DataMatrix code with part and serial number
9 Manufacturer
10 Serial number
11 Part number
12 Only for indoor use, not for outdoor use
13 Maximum ambient temperature
14 Electrical data
15 Pin assignment
16 Recycling symbol
17 Warning notice

Year of manufacture by serial number

### 2.7.2 Packaging

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="i" /></td>
<td>Follow the instructions for use</td>
</tr>
<tr>
<td><img src="image" alt="humidity" /></td>
<td>Maximum storage area humidity ≤ 95 %</td>
</tr>
<tr>
<td><img src="image" alt="temperature" /></td>
<td>Storage temperature range -20 °C to +60 °C</td>
</tr>
</tbody>
</table>

### 3 Use

#### 3.1 Preconditions for use

**WARNING**

Fire hazard due to sparks or liquid metal splashes

- Always use powered air purifying respirators with a particle or combination filter with additional prefILTER if sparks or liquid metal splashes may occur during use.
- Replace the prefILTER at regular intervals; at least once per shift, but in case of visible contamination at the very latest.
- Replace particle and combination filters as soon as they are visibly contaminated with dust even if the residual capacity indicator of the powered air purifying respirator indicates that the residual capacity is still sufficient.
- Avoid direct contact of sparks and liquid metal splashes with the powered air purifying respirator: Contact of a heavily contaminated prefILTER, particle or combination filter with sparks or liquid metal splashes can cause damage to the filter or ignite the collected particles.

- The ambient conditions (in particular type and concentration of the contaminants) must be known.
- The oxygen content of the ambient air must not drop below the following limit values:
  - at least 17 Vol% oxygen in all European countries except for the Netherlands, Belgium and Great Britain
  - At least 19 Vol% oxygen in the Netherlands, Belgium, the UK, Australia and New Zealand.
  - At least 19.5 Vol% oxygen in the USA

Observe the national guidelines in other countries.

#### 3.2 Preparations for use

**WARNING**

Ambient air penetration

Incorrect assembly of the components can impair the device function.

- For rechargeable battery, carrying system, splash guard cover, and gas filter or combination filter ensure that:
  - Both connection points engage into the intended sockets when inserted
  - Do not jam the respective components when they are snapped into place

Perform the following activities outside the danger zone:

1. Select components of the powered air purifying respirator according to the required protection class and task (see Configuration Matrix at the end of these instructions for use).
2. Carry out a visual inspection (see chapter 5.3.1 Visual inspection).
3. Checking the rechargeable battery capacity:
   a. Press the button to display the battery capacity on the rechargeable battery.
   b. Read the battery status indicator.
   c. If the battery capacity is insufficient for the planned period of service: Replace or charge the rechargeable battery (see chapter )

   ![image](image)

   It might be required to fully charge the rechargeable battery prior to the first commissioning of the device.
4. Insert filter (see chapter 5.3.3 Replacing the filter).
5. Assembling the carrying system:

   ![image](image)

   a. Position both connection points of the connection plate on the blower unit sockets. Ensure that the arrows on the belt and the rear of the blower unit go together.
   b. Push down connection plate until it snaps audibly into place.

6. Attach accessories if applicable:
   - Attach comfortable padding to the standard belt with the press studs.
   - If needed, the belt extension is attached to the webbing buckle.

   ![image](image)

   For any other accessories refer to the enclosed assembly instructions.

7. Donning the device:
   a. Adjust the carrying system belt to approximately the correct circumference.
b. Put on belt and close buckle. The device is located on the back of the user.
c. Tighten belt and fasten protruding ends with clips on ends of the belt.
8. Connecting the facepiece:
   a. Connect the plug-in connector of the breathing hose to the blower unit.
b. Connect the other end of the breathing hose to the facepiece.
9. Switch on the blower unit and check the flow rate and warning devices (see chapter 5.3.4 Check the flow rate and warning devices)
10. Don the facepiece (see Instructions for Use of the corresponding facepiece).
11. Adjust the flow rate using the + and - buttons as desired.

3.3 During use

⚠️ WARNING
Health hazard
- Leave the danger zone immediately in case of:
  - Decreasing or interrupted air supply (e.g. after blower failure). In the hood/helmet/protective visor facepiece type, carbon dioxide can quickly build up or lack of oxygen may occur. Noxious ambient air may also penetrate the hood.
  - Odour or taste developing in the facepiece (filter break). The residual capacity of the gas filter or the gas filter components of the combination filter are exhausted.
  - Drowsiness, dizziness, or other complaints
  - Damage to the equipment
  - Displayed alarms
Breathing hoses or other components involve the risk of getting caught. This may damage the device and interrupt the air supply! Handle the device with care.
Breathing in during heavy work while wearing the hood/helmet/protective visor facepiece type may result in negative pressure and the penetration of unfiltered ambient air! Increase the flow rate to prevent this from happening.

3.3.1 Adjusting the flow rate
If necessary (e.g. during increased physical exertion), the flow rate must be adjusted during operation using the + and - buttons.

3.3.2 Warnings and alarms
If a warning appears, leave the working area promptly in view of the potentially hazardous situation.
Lower the flow rate to increase the period of service if a warning appears. (Only possible if the lowest level has not already been chosen.) By lowering the flow rate, you can, for example, extend the battery runtime.
If an alarm is triggered, leave the working area immediately without any delay.
Check the function of the device after a warning or alarm has been triggered.

3.4 After use
Do the following:
1. Leave the hazardous area.
2. Remove the facepiece (see Instructions for Use of the corresponding facepiece).
3. Switch off the blower unit by pushing the button on the control panel for approx. 2 seconds.
4. Open the carrying system belt and take off the device.
5. Clean and disinfect the device (see chapter 5.2 Cleaning and disinfecting).

4 Troubleshooting

4.1 Warnings

<table>
<thead>
<tr>
<th>Fault</th>
<th>Cause</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Battery status indicator red]</td>
<td>The residual runtime of the rechargeable battery is low (&lt; 30 minutes).</td>
<td>Recharge the battery soon or replace with fully charged battery.</td>
</tr>
<tr>
<td>![Particle filter residual capacity low]</td>
<td>The particle filter residual capacity is low (&lt; 20 %).</td>
<td>Change particle or combination filter soon.</td>
</tr>
<tr>
<td>![Flow rate indicator flashing yellow]</td>
<td>Malfunction during switch-on (e.g. caused by missing hose or filter).</td>
<td>Re-check the device function and prepare for use.</td>
</tr>
</tbody>
</table>

4.2 Alarms

4.2.1 Blower unit

<table>
<thead>
<tr>
<th>Fault</th>
<th>Cause</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Battery status indicator red]</td>
<td>The residual runtime of the rechargeable battery is almost exhausted (&lt; 10 minutes).</td>
<td>Recharge the battery or replace with fully charged battery.</td>
</tr>
<tr>
<td>![Particle filter residual capacity almost exhausted]</td>
<td>The particle filter residual capacity is almost exhausted (&lt; 10 %)</td>
<td>Change particle or combination filter.</td>
</tr>
<tr>
<td>![Flow rate indicator red]</td>
<td>Faulty breathing air supply during operation (e.g. caused by missing hose, filter or kinked hose).</td>
<td>Re-check the device function and prepare for use.</td>
</tr>
<tr>
<td>![System error]</td>
<td>General system error</td>
<td>Device must be checked by Dräger Service.</td>
</tr>
</tbody>
</table>

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4.2.2 Standard battery charger

<table>
<thead>
<tr>
<th>Fault</th>
<th>Cause</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status LED is flashing red.</td>
<td>General error or defect</td>
<td>Re-insert the rechargeable battery in the battery charger. If the error occurs repeatedly have Dräger Service check the battery charger and rechargeable battery.</td>
</tr>
</tbody>
</table>

5 Maintenance

5.1 Maintenance intervals

<table>
<thead>
<tr>
<th>Work to do</th>
<th>Annually</th>
<th>Every 2 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clean and disinfect the device</td>
<td>× ¹⁾</td>
<td></td>
</tr>
<tr>
<td>Visual inspection</td>
<td>× ¹⁾</td>
<td></td>
</tr>
<tr>
<td>Replacing the O-ring at plug-in or bayonet-type hose connector</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

¹⁾ for gas-tight packed devices, otherwise every 6 months

5.2 Cleaning and disinfecting

⚠️ CAUTION
Health hazard
The undiluted agents are damaging to health if they come into direct contact with the eyes or skin.
- Wear safety goggles and protective gloves when working with these agents.

 NOTICE
Potential damage to components
- Only use the prescribed processes and the cleaning and disinfection agents specified for cleaning and disinfecting. Other agents, methods, dosages and contact times may damage the components.

For information on the appropriate cleaning and disinfecting agents and how to use them, please refer to document 9100081 on www.draeger.com/IFU.

5.2.1 Cleaning and disinfecting the device

1. Dismantle the device:
   a. Separate breathing hose, facepiece and blower unit from each other.
   b. Disconnect the carrying system from the blower unit.
   c. If available, dismantle any accessories (e.g. hose and device sleeves).
   d. Dismantle the splash guard cover and filter (see "Replacing the filter", page 23).

2. Clean the facepiece according to the appropriate Instructions for Use.
3. Clean the breathing hose and carrying system:
   a. Prepare a cleaning solution containing water and a cleaning agent.
   b. Clean all parts with the cleaning solution using a soft cloth.
   c. Thoroughly rinse all parts under running water.
   d. Prepare a disinfectant bath of water and a disinfecting agent.
   e. Place all parts to be disinfected into the disinfectant bath.
   f. Thoroughly rinse all parts under running water.
   g. Dry all parts in the air or in a drying cabinet (temperature: max. +60 °C). Do not expose to direct sunlight.

4. Clean and disinfect blower unit and splash guard cover using disinfectant cloths.

In cases of strong contamination, the blower unit can be rinsed under running water as follows.
1. Make sure the rechargeable battery remains inserted. Water must not enter the battery compartment.
2. Close suction inlet and tube connection with plug (available as accessories).

5.3 Maintenance work

5.3.1 Visual inspection

Check all parts thoroughly and replace damaged parts if necessary. In particular, check the filter sealing surface and O-rings of the blower unit for damage (e.g. scratches) or contamination.

5.3.2 Replacing or charging the rechargeable battery

⚠️ WARNING
Risk of explosion, fire or chemical hazard!
- Do not remove, insert or charge rechargeable batteries in potentially explosive or flammable environments.
- Keep rechargeable batteries away from sources of heat.
- Do not short-circuit the rechargeable battery contacts.
- Only use recommended rechargeable batteries.

Removing the rechargeable battery:
1. Fold up carrying system if necessary.
2. Push battery lock button. Ensure that the rechargeable battery does not fall down.
3. Remove rechargeable battery.

Inserting the rechargeable battery:
1. Fold up carrying system if necessary.
2. Position the two lower connection points of the rechargeable battery at an angle in the battery compartment sockets.
3. Fold the rechargeable battery in until it snaps audibly into place.
Always disconnect the charger from the power supply if not in use. The standard rechargeable battery (EX) and the long-life rechargeable battery (EX) may only be charged using the Dräger X-plore 8000 standard charger (component list pos. 7).

Charging the battery:
1. Check to make sure that voltage of mains supply is correct. The operational voltage of the power supply unit must match the mains supply voltage.
2. Connect charger to power supply unit.
3. Connect the power supply unit to the mains supply.
4. First position the rechargeable battery at an angle in the charger and then fold it in until it snaps audibly into place.
5. Wait for the end of the charging process.
6. When the rechargeable battery is fully charged, push the battery lock button and remove the battery.
7. Disconnect the power supply unit and charger from the mains supply.

5.3.3 Replacing the filter

⚠️ WARNING
No protection without filter!
► Do not use the device without filter.

⚠️ CAUTION
Damage to blower unit due to penetration of particles!
► Make sure when you remove the filter that no particles enter the device through the suction inlet.

The filter changing process may differ depending on the filter type used.

Gas or combination filter

Removing the filter:
1. Push filter lock button.
2. Fold filter with splash guard cover out (figure A).
3. Dismantling the splash guard cover:
   a. Press on the centre of the upper splash guard cover edge until it snaps out.
   b. Fold out splash guard cover (figure B).

Inserting the filter:
1. Check rubber seal on filter for damage.
2. Place splash guard cover with its lower edge at an angle on the filter.
3. Push on splash guard cover until it snaps audibly into place.
4. Hook the two lower connection points of the filter at an angle into the blower unit sockets.
5. Fold filter in until it audibly snaps into place at the filter lock button.

5.3.4 Check the flow rate and warning devices

1. Make sure that a filter is inserted.
2. Connect the plug-in connector of the breathing hose to the blower unit.
3. Switch on the blower unit by pushing the button on the control panel for approx. 2 seconds.
   ⇒ After it is switched on, the device performs a self-test. If the device does not work properly or warning devices are triggered, eliminate the fault.
4. Cover the open end of the breathing hose with the palm of your hand.
   ⇒ The blower unit starts operating more intensively after about 5 seconds. An alarm is triggered after about 20 seconds. Have the blower unit checked if the rotational speed remains unchanged and no alarm is triggered.
5. If you wish, you can switch off the blower unit by pushing the button on the control panel once again.

5.3.5 Replacing the O-ring at plug-in or bayonet-type hose connector

1. Use the O-ring removal tool to lift the old O-ring out of the groove.
2. Insert new O-ring in the provided groove.

6 Transport

Transport in the original packaging or in optionally available transport box.
7 Storage

Storing the whole system:
- Remove filter and rechargeable battery.
- Dry the components in a container or cabinet. Store them dry and clean and protect them from direct sunlight and thermal radiation.

Storing rechargeable batteries:
- Deeply discharged batteries may get damaged after prolonged storage. Charge the rechargeable batteries to 50 to 70 % prior to storage.
- If storage lasts for over 6 months, charge the rechargeable batteries intermittently.
- Do not store rechargeable batteries for prolonged periods outside the recommended temperature range. This might reduce the remaining capacity and number of potential charge cycles.

8 Disposal

This product must not be disposed of as municipal waste. It is therefore marked with the adjacent symbol. This product can be returned to Dräger free of charge. Please contact your national Dräger Sales Organisation or Dräger for more information.

Batteries and rechargeable batteries must not be disposed of as municipal waste. They are therefore marked with the symbol on the left. Collect batteries and rechargeable batteries according to local regulations and dispose of at battery collection centres.

9 Technical data

9.1 Overall system

Flow rate of respiratory protective device/helmet/visor: 170/190/210 L/min
Flow rate of half/full face mask: 115/130/145 L/min
Rated period of service: 4 hours with standard rechargeable battery
8 hours with long-life rechargeable battery
Operating temperature \(^1\)\(^2\): -10 °C to +60 °C
Working and storage area humidity \(^1\): ≤ 95 % relative humidity
Storage temperature \(^1\): -20 °C to +60 °C
Noise: approx. 64 dB(A)
International Protection Code: IP 65

1) Battery charger and rechargeable batteries, see separate information in this chapter. Other components, see corresponding instructions for use.
2) For X-plore 8700 -10 °C to +50 °C.

Broadcast transmission capacity -2.30 dBµA/m (10 m)

Bluetooth
Technology: FHSS 2.4 GHz (BT 2.1 + EDR)
Frequency range: 2402.0 to 2483.5 MHz
Broadcast transmission capacity: 0.97 mW / -0.14 dBm EIRP

9.2 Rechargeable batteries

Operating temperature \(^1\): -10 °C to +60 °C
Operating/storage area humidity: ≤ 95 % relative humidity
Storage temperature: -20 °C to +50 °C
Charging temperature: 0 °C to +50 °C

1) For rechargeable batteries for X-plore 8700 in explosion-hazard areas -10 °C to +50 °C.

Standard rechargeable battery

Charging time: < 4 hours
Operational life time after a full charge: approx. 4 hours \(^1\)
Rated voltage: 10.8 V
Rated capacity: 3.35 Ah
Stored energy: 36 Wh

1) Varies depending on the preset flow rate and the employed filter and breathing connection type

Long-life rechargeable battery

Charging time: < 4 hours
Operational life time after a full charge: approx. 8 hours \(^1\)
Rated voltage: 10.8 V
Rated capacity: 6.70 Ah
Stored energy: 72 Wh

1) Varies depending on the preset flow rate and the employed filter and breathing connection type

9.3 Standard battery charger

Input voltage: 16 V
Input current: 3.75 A
Output voltage: 9 - 12.6 V
Output current: 4 A
International Protection Code: IP 30
Operating temperature: 0 °C to +50 °C
Operating/storage area humidity: ≤ 95 % relative humidity
Storage temperature: -20 °C to +50 °C
## 10 Component list

The positions in the component list correspond to the figures in the top row of the configuration matrix at the end of these instructions for use.

### Components

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dräger X-plore 8500 blower unit</td>
<td>R59500</td>
</tr>
<tr>
<td>2</td>
<td>Dräger X-plore 8700 (EX) blower unit</td>
<td>R59550</td>
</tr>
<tr>
<td>3</td>
<td>Dräger X-plore 8000 standard rechargeable battery</td>
<td>R59565</td>
</tr>
<tr>
<td>4</td>
<td>Dräger X-plore 8000 standard rechargeable battery (EX)</td>
<td>R59575</td>
</tr>
<tr>
<td>5</td>
<td>Dräger X-plore 8000 long-life rechargeable battery</td>
<td>R59585</td>
</tr>
<tr>
<td>6</td>
<td>Dräger X-plore 8000 long-life rechargeable battery (EX)</td>
<td>R59595</td>
</tr>
<tr>
<td>7</td>
<td>Dräger X-plore 8000 standard charger</td>
<td>R59780</td>
</tr>
<tr>
<td>8</td>
<td>Dräger X-plore 8000 standard hood, short (S/M)</td>
<td>R59800</td>
</tr>
<tr>
<td>9</td>
<td>Dräger X-plore 8000 standard hood, short (L/XL)</td>
<td>R59810</td>
</tr>
<tr>
<td>10</td>
<td>Dräger X-plore 8000 standard hood, long (S/M)</td>
<td>R59820</td>
</tr>
<tr>
<td>11</td>
<td>Dräger X-plore 8000 standard hood, long (L/XL)</td>
<td>R59830</td>
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<tr>
<td>12</td>
<td>Dräger X-plore 8000 premium hood, short (S/M)</td>
<td>R59840</td>
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<td>13</td>
<td>Dräger X-plore 8000 premium hood, short (L/XL)</td>
<td>R59850</td>
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<tr>
<td>14</td>
<td>Dräger X-plore 8000 premium hood, long (S/M)</td>
<td>R59860</td>
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<tr>
<td>15</td>
<td>Dräger X-plore 8000 premium hood, long (L/XL)</td>
<td>R59870</td>
</tr>
<tr>
<td>16</td>
<td>Dräger X-plore 8000 helmet with visor, black</td>
<td>R58325</td>
</tr>
<tr>
<td>17</td>
<td>Dräger X-plore 8000 helmet with visor, white</td>
<td>R59910</td>
</tr>
<tr>
<td>18</td>
<td>Dräger X-plore 8000 protective visor</td>
<td>R59900</td>
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<tr>
<td>19</td>
<td>Dräger X-plore 8000 welding protective visor with ADF 5 - 13</td>
<td>R59940</td>
</tr>
<tr>
<td>20</td>
<td>Dräger X-plore 6300 EPDM/PMMA</td>
<td>R55800</td>
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<tr>
<td>21</td>
<td>Dräger X-plore 6530 EPDM/PC</td>
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<tr>
<td>22</td>
<td>Dräger X-plore 6570 SI/PC</td>
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<td>23</td>
<td>Dräger X-plore 4740 SI S/M</td>
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<td>24</td>
<td>Dräger X-plore 4740 SI M/L</td>
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<td>25</td>
<td>Dräger FPS 7000 EPDM-S1-PC-CR</td>
<td>R56502</td>
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<tr>
<td>26</td>
<td>Dräger FPS 7000 EPDM-M2-PC-CR</td>
<td>R56310</td>
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<tr>
<td>27</td>
<td>Dräger FPS 7000 EPDM-L2-PC-CR</td>
<td>R56503</td>
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<tr>
<td>28</td>
<td>Dräger X-plore 8000 standard hose (for half/full face masks)</td>
<td>R59630</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>Dräger X-plore 8000 standard hose (for hoods)</td>
<td>R59620</td>
</tr>
<tr>
<td>30</td>
<td>Dräger X-plore 8000 standard hose (for helmets and visors)</td>
<td>R59640</td>
</tr>
<tr>
<td>31</td>
<td>Dräger X-plore 8000 flexible hose (for half/full face masks)</td>
<td>R59610</td>
</tr>
<tr>
<td>32</td>
<td>Dräger X-plore 8000 flexible hose (for hoods)</td>
<td>R59600</td>
</tr>
<tr>
<td>33</td>
<td>Dräger X-plore 8000 flexible hose (for helmets and protective visors)</td>
<td>R59650</td>
</tr>
<tr>
<td>34</td>
<td>Dräger X-plore 8000 standard belt</td>
<td>R59700</td>
</tr>
<tr>
<td>35</td>
<td>Dräger X-plope 8000 belt, decontaminable</td>
<td>R59710</td>
</tr>
<tr>
<td>36</td>
<td>Dräger X-plore 8000 welding belt</td>
<td>R59720</td>
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1) Tyvek® is a registered trademark of E.I. Du Pont de Nemours and Co.