



# Dräger Oxy SR Series Oxygen Self Rescuer

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The Dräger Oxygen Self Rescuer is a respiratory protective device for self-rescue which is independent of the ambient air. The device can be used maintenance-free over its entire service life. No additional pressure or weight tests are required.

# Dräger Oxy SR Series

## Opener / Retaining straps

Stainless steel version or rough usage version

## Antistatic parts (inside and outside)

Anti-static housing  
Anti-static functional unit

## Safety Eye (indicator window)

Additional leak tight tests not necessary due to the humidity indicator  
Allows for checking the condition of the KO<sub>2</sub>  
Heat indicator shows heat overstress of the device (optional for EN devices)



## Support ring (optional)

Exchangeable for various wearing concepts

## RFID chip

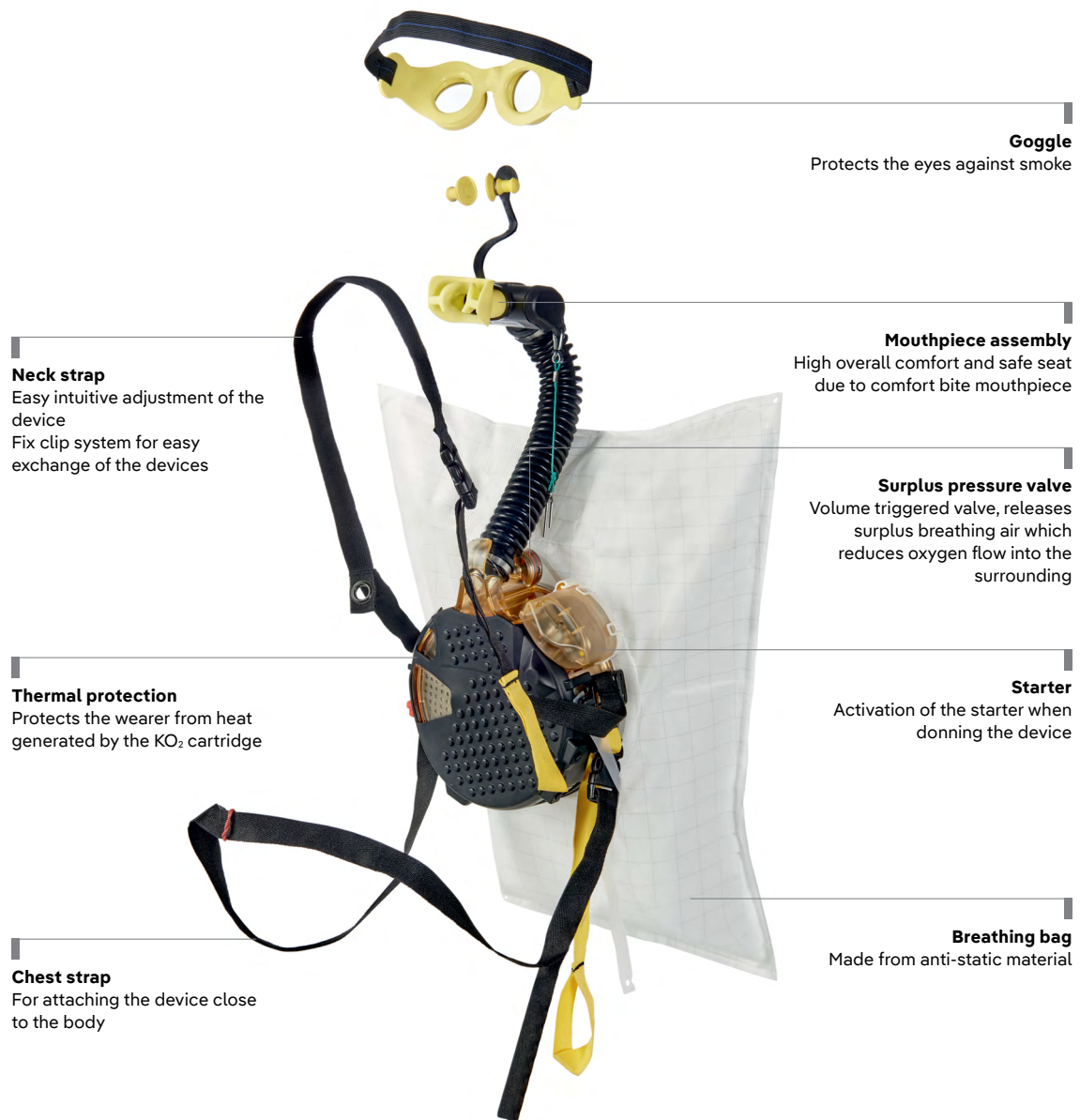
UHF technology  
Unique serial number  
Contactless communication  
Fleet management via "Drägerware"  
Bulk acquisition

## Different accessories available

Abrasion protection  
Device bracket  
Cache cabinets

D-4437-2021

# Dräger Oxy SR Series



## Goggle

Protects the eyes against smoke

## Mouthpiece assembly

High overall comfort and safe seat due to comfort bite mouthpiece

## Surplus pressure valve

Volume triggered valve, releases surplus breathing air which reduces oxygen flow into the surrounding

## Starter

Activation of the starter when donning the device

## Breathing bag

Made from anti-static material

## Neck strap

Easy intuitive adjustment of the device  
Fix clip system for easy exchange of the devices

## Thermal protection

Protects the wearer from heat generated by the KO<sub>2</sub> cartridge

## Chest strap

For attaching the device close to the body

# Benefits

## High level of safety and comfort

The self-rescuers are equipped with a comfort bite mouthpiece offering high wearing comfort. The devices offer low breathing resistance values. Furthermore, the self-rescuers are anti-static.

The quick, uncomplicated visual inspection of the exterior shell, the Safety Eye and the optional temperature indicator provide certainty about the functionality of the device to the user.

For your safety training, we offer a training device to get used to the donning procedure. Optionally, it can simulate the increased temperature of the inhaled air as well as the breathing resistance.

## Reliable protection

The Oxy SR is easy and fast to handle, even under extrem conditions. It provides breathing protection according to the highest standards since decades- made in Germany.

## Short duration or long duration

The availability of a 30 minute and a 60 minute device provides more options for your emergency planning concept. The donning of both devices is similar which allows you to be familiar with the function and use of these devices allowing for a combination of units. Alternatively a CAP III (NIOSH) device is available.

## Less maintenance, lower costs

Two lifetime options are available: 5 or 10 years. So thanks to their robust construction, the devices can be used maintenance-free for up to 10 years - no costs of ownership as no additional tools or testing is required.

## Different carrying options

We offer various carrying options and accessories depending on your application. The self-rescuer can be carried with a shoulder or hip belt. The accessories are exchangeable.

## Our services for you

We dispose for you damaged, opened, used and expired oxygen self-rescuers.

# Details

D-4440-2021



Oxy SR with hand strap

D-1236-2021



Oxy SR with hip belt and abrasion protection

D-8134-2022



Safety Eye (indicator window)

Devices	Measurements of pallet fully loaded			Weight of pallet fully loaded	Devices per pallet		Devices per container	
	1200 mm	800 mm	1000 mm		92	max. 2 pallets	2024 devices	4416 devices
Oxy SR 30	1200 mm	800 mm	1000 mm	< 360 kg <sup>2)</sup>	92	max. 2 pallets	2024 devices	4416 devices
Oxy SR 60	1200 mm	800 mm	1070 mm	< 375 kg <sup>2)</sup>	80	max. 2 pallets	1760 devices	3840 devices
Bulk Packaging Oxy SR 30 <sup>1)</sup>	1200 mm	800 mm	1010 mm	< 370 kg <sup>2)</sup>	108	max. 2 pallets	2376 devices	5184 devices
Bulk Packaging Oxy SR 60 Training device	1200 mm	800 mm	1110 mm	< 370 kg <sup>2)</sup>	80	max. 2 pallets	1760 devices	3840 devices

Delivery by road, rail, sea or air. For containers, lorries or sea, apply stacking factor 2.

<sup>1)</sup> Also valid for training devices.  
<sup>2)</sup> Depending on accessories.

packaging-types-pi-en-master

# Accessories

D-1233-2021



## Oxy SR Shoulder strap

For carrying over the shoulder or in your hand.  
Belt with antistatic coating and reflective side stitching.

Width: 3.8 cm  
Length: adjustable from 55 cm - 130 cm

D-1243-2021



## Hip Belt (antistatic)

Hip belt with antistatic coating, which is washable.

Width: 3.8 cm  
Length: adjustable from 70 to 115 cm

Can be used with Dräger Oxy SR, PARAT Soft Pack and PARAT Hard Case.

D-50933-2015



## Oxy SR Abrasion protection

To protect the oxygen self-rescuer against wear and tear.

D-1579-2010



## Oxy SR Support ring hip

For adaptation of hip belt and wearing the oxygen self-rescuer on the hip,  
with and without connection for the abrasion protection.

# Accessories

D-35100-2011



## Oxy SR Support ring shoulder

For adaptation of shoulder strap and wearing the oxygen self-rescuer on the shoulder, with and without connection for the abrasion protection.

D-10362-2016



## Oxy SR Device bracket

The bracket can be used for wall or vehicle assembly.

D-50923-2015



## Oxy SR Training device

Training device for the Oxy series with a dummy  $KO_2$  cartridge and without live starter. Designed to train the opening, donning and breathing of an oxygen self-rescuer. The dimensions and weight of the training unit are comparable with the Oxy SR. The breathing bag does not fill with oxygen.

D-4625-2019



## Oxy SR Mouthpiece assembly

Simulates the breathing resistance of an Oxy SR. It can be used multiple times. Simple cleaning and straight forward assembly.

## Accessories



D-4625-2019

### Oxy SR Practice simulator

Simulates the breathing resistance and inhalation temperature of the Oxy SR. The practice simulator can be attached to the training device to practice donning and breathing of a self-rescuer. The simulation time is approximately 10 minutes.

## Related Products



D-85039-2013

### Dräger PARAT Filtering Escape Hoods

The PARAT filtering escape hoods were developed with users, placing the focus on the fastest possible escape. Optimized operation and wearing comfort, a robust case and a sealed filter ensure protection from toxic industrial and/or fire-related gases, vapours and particles for at least 15 minutes.



D-33944-2011

### Dräger Saver CF

The Dräger Saver CF constant flow Emergency Escape Breathing Apparatus allows safe, effective and uncomplicated escape from hazardous environments. Simple to put on and featuring automatic operation, this hood-based, constant flow breathing device can be used with minimal training.



## Related Products



D-5129-2014

### Dräger D-7000/8000/100

The Dräger Quick Fill Station (QFS) is the innovative alternative for escape strategies. The QFS system greatly increases workers safety during escape situations by eliminating the need to switch between multiple SCSRs, and utilising an SCBA – therefore enabling verbal communication, and providing a refillable source of fresh breathing air.



D-42461-2015

### Dräger MRC 5000

During an emergency, Dräger-Simsa mine refuge chambers provide mining personnel both shelter and breathing protection with the highest quality and safety standards. The robust and highly portable construction, as well as a low cost of maintenance, makes them ideally suited for diverse underground conditions.

# Technical Data

## Dräger Oxy SR Series

		Dräger Oxy SR 30	Dräger Oxy SR 60	Dräger Oxy SR CAP III
Ambient Temperature	For transport and storage	-30 °C to +50 °C (-22 °F to +122 °F)	-30 °C to +50 °C (-22 °F to +122 °F)	-30 °C to +50 °C (-22 °F to +122 °F)
	Worn device (carried)	-5 °C to +50 °C <sup>3)</sup> (+23 °F to +122 °F)	-5 °C to +50 °C <sup>3)</sup> (+23 °F to +122 °F)	+5 °C to +50 °C (+23 °F to +122 °F)
	Used device in deployment / escape	-20 °C to +70 °C <sup>1)</sup> (-4 °F to +158 °F)	-20 °C to +70 °C <sup>1)</sup> (-4 °F to +158 °F)	-20 °C to +70 °C <sup>1)</sup> (-4 °F to +158 °F)
	Temperature of the inhalation air (dry, breathable air)	Max. +50 °C <sup>3)</sup> (Max. +122 °F)	Max. +50 °C <sup>3)</sup> (Max. +122 °F)	Max. +50 °C (Max. +122 °F)
	Relative humidity	Up to 100%	Up to 100%	Up to 100%
	Ambient pressure	700 to 1300 hPa (10.15 psi to 18.86 psi)	700 to 1300 hPa (10.15 psi to 18.86 psi)	700 hPa to 1300 hPa (10.15 psi to 18.86 psi)
Volume of the breathing bag		> 10 litres	> 15 litres	> 10 litres
Usage period	At a breathing minute volume of 35 L /min (VO <sub>2</sub> 1.57 L /min) <sup>3)</sup>	30 min	60 min	
	At rest 10 L /min breathing minute volume (VO <sub>2</sub> 0.4 L /min) <sup>3)</sup>	90 min	180 min	
	Oxygen capacity <sup>4)</sup>			> 90 L
	VO <sub>2</sub> 1.35 L /min (NIOSH capacity test) <sup>4)</sup>			Up to 70 min
Inhalation/exhalation resistance <sup>3)</sup> at 35 L/min	Maximum individual exhalation resistance	+9.8 hPa or -9.8 hPa	+7.5 hPa or -7.5 hPa	
	At the end of the usage periode	Σ 16 hPa	Σ 13 hPa	
Weights <sup>2)</sup>	Self rescuer	2.6 kg (5.73 lbs)	3.5 kg (7.72 lbs)	Approx. 3.5 kg (7.72 lbs)
	Self rescuer in use (functional unit)	1.7 kg (3.75 lbs)	2.4 kg (5.29 lbs)	2.4 kg (5.29 lbs)
	Support ring	180 g (0.40 lb)	190 g (0.42 lb)	190 g (0.42 lb)
	Abrasion protection	220 g (0.49 lb)	280 g (0.62 lb)	280 g (0.62 lb)
	Shoulder strap	130 g (0.29 lb)	130 g (0.29 lb)	130 g (0.29 lb)
Dimensions (w x h x d) <sup>2)</sup>	Without support ring & abrasion protection	220 x 190 x 110 mm (8.66 x 7.48 x 4.33 in)	250 x 215 x 125 mm (9.84 x 8.46 x 4.92 in)	250 x 215 x 125 mm (9.84 x 8.46 x 4.92 in)
	In use (functional unit)	170 x 200 x 80 mm (6.69 x 7.87 x 3.15 in)	190 x 240 x 100 mm (7.48 x 9.45 x 3.94 in)	190 x 240 x 100 mm (7.48 x 9.45 x 3.94 in)
	With support ring & abrasion protection	230 x 200 x 110 mm (9.06 x 7.87 x 4.33 in)	265 x 217 x 125 mm (10.43 x 8.54 x 4.92 in)	265 x 217 x 125 mm (10.43 x 8.54 x 4.92 in)
Total service life		Up to 10 years	Up to 10 years	Up to 10 years

# Technical Data

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Approvals	EN 13794:2002 S	EN 13794:2002 S	42 CFR part 84 capacity 3
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<sup>1)</sup> Use in ambient temperatures down to -20 °C is possible if the oxygen self rescuer was stored at room temperature before donning and is exposed to -20 °C for no longer than 30 minutes. In cold weather conditions, particularly at sub-zero temperatures, the self rescuer may be difficult to open.

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<sup>2)</sup> Weight and dimensions may vary due to tolerances differ from the specifications.

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<sup>3)</sup> Meets EN 13794:2002 approval for respiratory protective devices self-contained closed-circuit breathing apparatus for escape.

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<sup>4)</sup> Meets approval for respiratory protective devices 42 CFR part 84.

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# Ordering Information

## Dräger Oxy SR Series

Dräger Oxy SR 30 Configurator	3715530
Dräger Oxy SR 60 / CAP III configurator	3715560
Dräger Oxy SR 30 Training device	3715503
Dräger Oxy SR 60 Training device	3715506

## Accessories for Dräger Oxy SR 30 and Oxy SR 30 Training device

Support ring hip with AP	3715550
Support ring hip	3715551
Support ring shoulder with AP	3715552
Support ring shoulder	3715553
Abrasion protection	3715554
Return packaging	3715558

## Accessories for Dräger Oxy SR 60 and Oxy SR 60 Training device

Support ring hip with AP	3715580
Support ring hip	3715581
Support ring shoulder with AP	3715582
Support ring shoulder	3715583
Abrasion protection	3715584
Return packaging	3715588

## Accessories for Dräger Oxy SR and Training devices

Oxy SR Belt	3715590
Oxy SR Hip belt, antistatic	3715595
Device bracket	3715599
Oxy SR Bag	3715555

## Accessories for Dräger Oxy SR Training device

Mouthpiece assembly	3715510
Practice simulator	3715515

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