

► OXY SR30 & SR60

Chemical oxygen self-rescuer



Technical specifications

Product type: Chemical oxygen self-rescuer

Service life: 5 or 10 years (depending on the model)

Operating conditions:

- Equipment in use (intervention/evacuation) -20°C to +70°C
- Inhaled air temperature (dry breathing air): Max. +50°C
- Up to 100% of humidity

Certification: Complies with BS EN 13794:2002

► OXY SR30:

Operating time:

- Evacuation: 30 min (with a breathing volume of 35 l/min)
- Rest: 90 min (with a breathing volume of 10 l/min)

Breathing bag volume: > 10 liters

Resistance during inspiration and expiration:

- Maximum resistance on expiration: +9.8 hPa or -9.8 hPa
- At the end of the operating period Σ 16 hPa

Weight:

- Unit carried: 2.6 kg
- Device in use (functional unit): 1.7 kg

► OXY SR60:

Operating time:

- Evacuation: 60 min (with a breathing volume of 35 l/min)
- Rest: 180 min (with a breathing volume of 10 l/min)

Breathing bag volume: > 15 liters

Resistance on inspiration and expiration:

- Maximum resistance on exhalation: +7.5 hPa or -7.5 hPa
- At the end of the operating period Σ 13 hPa

Weight:

- Unit carried: 3.5 kg
- Device in use (functional unit): 2.4 kg

Product description

The **OXY SR30** (30-minute autonomy) and **OXY SR60** (60-minute autonomy) are self-rescuers powered by chemical oxygen. They are quick and easy to handle, even in extreme situations, and can be worn for up to 10 years without maintenance (but are subject to mandatory annual verification as category 3 PPE). A status indicator allows instant checking of the device's condition, without any tools.

These chemical oxygen emergency escape devices use a KO₂ (potassium superoxide) cartridge, which reacts chemically with exhaled air in a bag (lung) to produce oxygen. They are ideal for use when there is insufficient oxygen, smoke or dangerous gases to reach the nearest safe area, or to escape successfully.

The **OXY SR30** and **OXY SR60** self-rescuers are lightweight, compact and feature low breathing resistance. A neck strap ensures intuitive, easy adjustment, while a chest strap keeps the device close to the body for optimum mobility. Equipped with a comfortable mouthpiece, nose clip and eye protection, these devices offer enhanced comfort and safety.

Two models are available with 30-minute (**OXY SR30**) or 60-minute (**OXY SR60**) breathing air autonomy, and two service life options: 5 or 10 years. Thanks to their robustness, the devices can be used for up to 10 years.

An overpressure valve releases excess breathing air, reducing oxygen loss in the environment, and a status indicator, with built-in humidity gauge, makes it easy to check that the unit is working properly, avoiding the need for tedious leak tests. They are also antistatic!

► Major assets:

- Compact, ergonomic design, one-hand opening mechanism for right or left-handed users
- Immediate activation of the starter when the appliance is switched on
- Antistatic parts (inside and out)
- User protection against heat generated by KO₂ cartridge
- Status indicator, with integrated humidity indicator
- Smoke protection glasses
- Neck strap and chest strap for optimum comfort
- Rubber abrasion protection (optional)
- Training device available on request