

E 3 0 0 0 X

The new league for fresh air and breathing protection.

# X-tend your possibilities!

TH3  
certified

ATEX certified



Now also with  
A1B1E1 gas filter!

 **optrel**<sup>®</sup>  
swiss made 

SEE  
WHAT YOU  
CAN DO



240 l/min



210 l/min



170 l/min

## X-tended Productivity

As soon as the filter in the respective air flow level is saturated, you receive an acoustic alarm and the new e3000X's intelligent alarm function switches fully automatically to the next lowest air flow stag – **without you having to interrupt the work process.**



## X-tended Performance

Efficiency is achieving as much air output as possible with as little energy as possible. We have managed to double the efficiency of the new e3000X by combining a performance-optimized design with the latest battery cell technology. With up to 18 hours of battery life and 240 litres of air per minute available at the touch of a button, the new e3000X is the perfect choice for **the most powerful ventilated breathing protection system available on the market.**



## X-tended Application Possibilities

Who knows today what challenges we will face tomorrow? When choosing a piece of breathing apparatus, you are advised to make sure that your system of choice covers as many fields of application as possible. By purchasing a new e3000X you are securing a sustainable investment. No matter what you need to do – whether it's eliminating harmful welding particle filters today, ozone particles tomorrow or toxic gases the day after tomorrow – **the new e3000X easily adapts to your needs.**

# X-TEND YOUR POSSIBILITIES

## X-tended Safety

A hard working day is imminent and you need to know where you stand. The new e3000X shows you the battery charge level at the touch of a button and calibrates the air flow automatically. **So you can get through the day safely.**



# As versatile as your work. The new optrel e3000 x-tended.

During arc welding, grinding and many other dust-intensive activities, your airways are always exposed to harmful smoke, dust and often toxic gases. Wearing a personal breathing protection system is therefore essential – no matter how well ventilated your working environment may be.

That's why the new e3000X offers you a highly modular breathing protection solution that you can adapt to your protection needs in seconds.

If unpleasant odours or increased ozone concentration in the workplace cause mild nausea or headaches, do not hesitate to use the optrel mountainbreeze Odor/Ozon Filter. Or do you work with applications where you have to rely on comprehensive protection against gases? Not a problem. In a matter of seconds, you can expand the e3000X with the A1B1E1 filter – which immediately eliminates harmful gases.

As versatile as your work processes, your e3000X can be adapted quickly and modularly!

**TH3**  
certified

## The best breathing protection

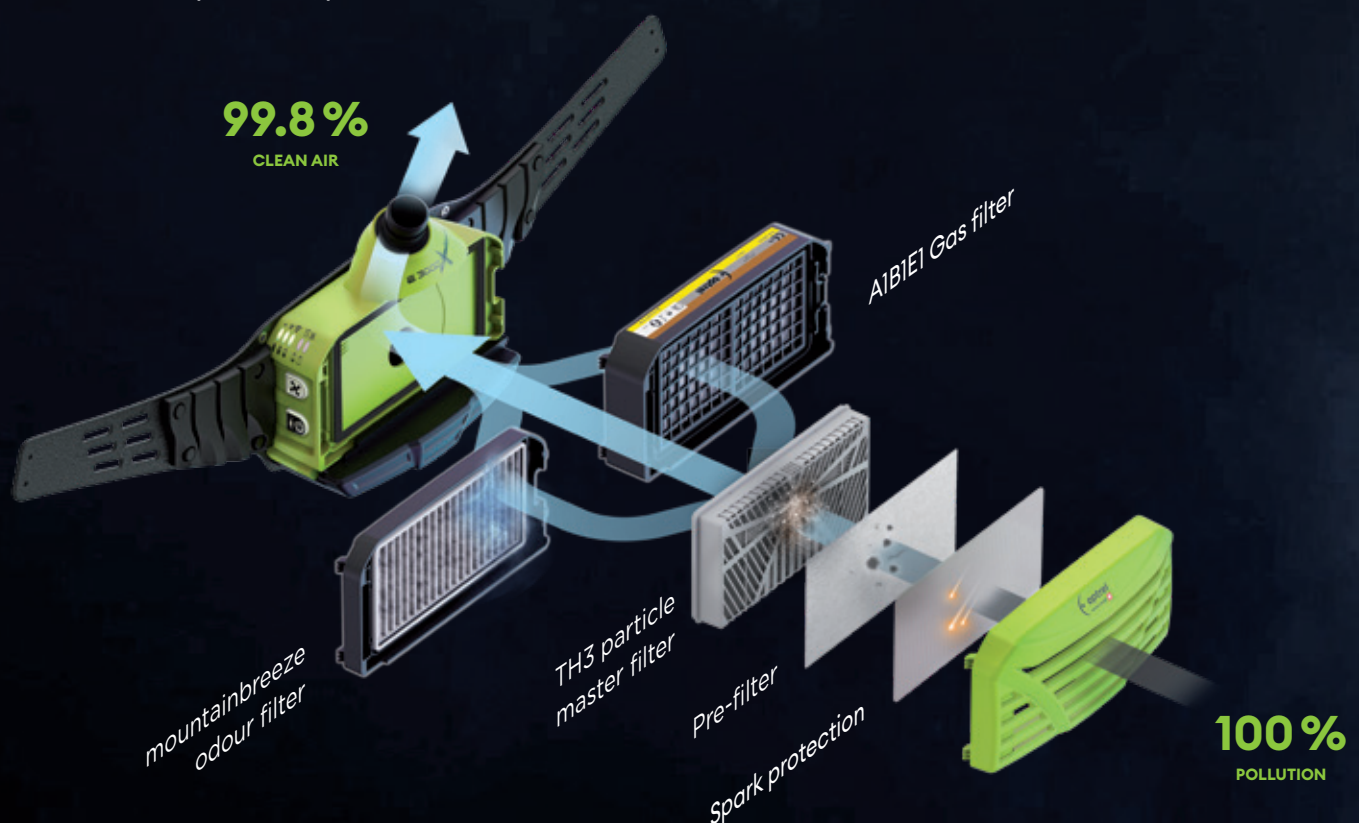
Only one protection class is enough when it comes to filtering against particles – the best: TH3!

Compared to the widely available TH2 systems, TH3-certified breathing protection systems filter 10x more dirt out of the air, or in other words: 99.8% of the harmful particles are filtered out of the air. And clean air is a rare commodity these days.

**A1 B1 E1**  
gases

## Gas filter insert for maximum safety

The A1B1E1 filter provides you with reliable protection against organic, inorganic and acid gases and vapours. With this optional filter cartridge, the new e3000X is perfect for any welder who works in heavily polluted, foul-smelling or even toxic environments.



# Ergonomics and comfort – for a better working day.

Many breathing protection systems are not widely accepted due to their unpleasant wearing comfort and poor air circulation inside the helmet.

The results are often rapid onset of back pain and dry eyes due to constant drafts. The latter often leads to painful conjunctivitis which can also become chronic. This is changing now thanks to the new optrel e3000X.



## Adjustable air flow

### Fresh air – as much as you want

The new e3000x offers three individually selectable air flow levels. Level 1 delivers as much as 170 litres of fresh air per minute. While comparable products reach their maximum performance at 210 litres of air per minute, the new e3000X is only at stage 2 at this point. Isn't it a great feeling to still have reserves available? If you use the new e3000X at level 3, this unrivalled 240 litres of fresh air per minute will provide you with a pleasant cooling effect – especially in sweaty working conditions.



## Ergonomic fit thanks to shoulder harness

No matter how light the ventilated breathing protection is, the most comfortable way to wear it is using the optrel shoulder harness. The specially developed, ergonomic harness with a comfortable 3-point adjustment system positions the e3000X optimally across the back, thus saving energy and increasing wearing comfort. The weight is distributed across both shoulders and thus relieves your back and hips perfectly. See for yourself: After a few minutes you will have completely forgotten that you are wearing breathing protection equipment.



### Fresh air – where you need it

optrel consistently avoids any air turbulence inside the helmet that could irritate your eyes. The purified air is led directly to your mouth and nose in an internal air flow channel. After all, this is the only place we need this valuable breathing air. We have also thought of a pleasant cooling. In the forehead area a continuously adjustable air outlet offers you the option to let up to 20% of the air flow onto your forehead. Pleasantly soft! No more eye irritation!



## Parking Buddy

If you do have a break from work, it may be a good idea to remove the helmet. However, you should never place it on a worktop. The inside of the helmet could be contaminated with harmful dust too quickly. This is where the parking buddy is useful. Hang your helmet comfortably on your belt and keep it clean and handy at all times. And the great thing: you'll never have to look for your helmet again. The parking buddy can be used with all optrel helmets with standard head band. It is not suitable for use with the IsoFit® headgear.

# The best of both worlds: helmet/breathing protection combinations from optrel.



optrel Ready-to-Weld-packages include:



Fresh air helmet



e3000X



Shoulder strap (optional)



parking buddy



Transport bag

optrel breathing protection systems are uncompromisingly designed for professional use. For this reason, tailor-made helmet/breathing protection combinations are available for welding and grinding applications, which can be combined to form the perfect system using various filter and accessory options.

## Fresh air system and accessories

## Item no.

## Accessories

## Item no.



**e3000X** ventilated breathing protection system with 18h power battery

4553.000



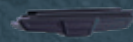
**7** Spark protection grid (2 pcs.)

4088.102



**2** Sealing Kit - seal for e3000X

4551.023



**9** Battery e3000X, 18h power battery

4553.020



**3** AIBIE1 gas filter

4088.700



Shoulder strap

4551.040



**4** mountain breeze odour and ozone filter  
Starter Kit, Spare filter

4088.103  
4088.104



Product protection, black

4551.021



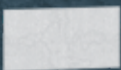
**5** TH3 particle master filter

4088.100



optrel parking buddy (belt hook)

5002.900



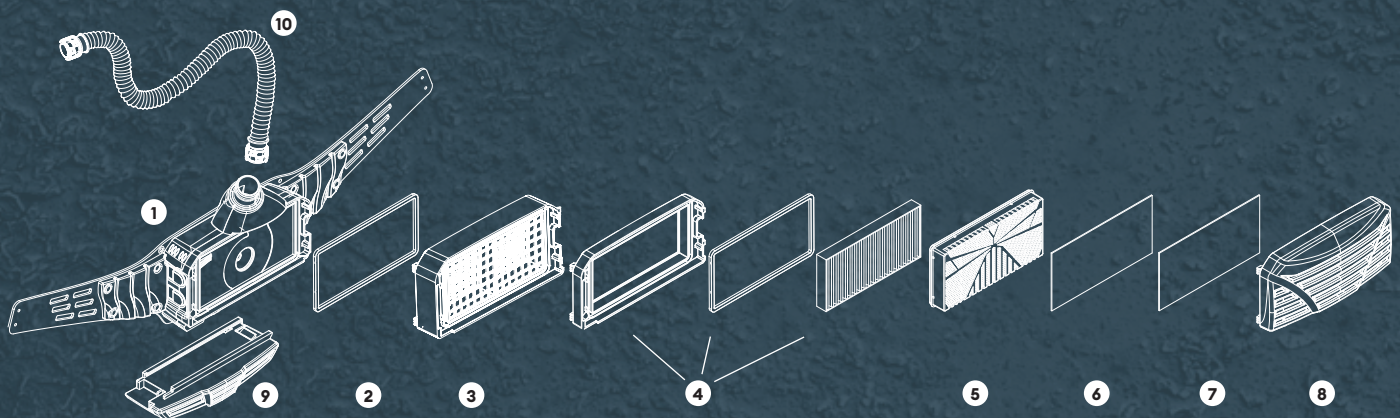
**6** Pre-filter (50 pcs.)

4088.101



e3000X bag

8000.110



## Ready-to-Weld/Grind Packages

## Item no.

## Ready-to-Weld/Grind Packages

## Item no.



**Ready-to-Weld Package crystal2.0**  
e3000X with crystal2.0, parking buddy & e3000X bag

4530.050



**Ready-to-Weld Package e684**  
e3000X with e684, parking buddy & e3000X bag

4550.460



**Ready-to-Weld Package panoramaxx2.5**  
e3000X with panoramaxx2.5 & e3000X bag

4550.550



**Ready-to-Weld Package liteflip autopilot**  
e3000X with liteflip autopilot, parking buddy & e3000X bag

4540.050



**Ready-to-Weld Package panoramaxx quattro**  
e3000X with panoramaxx quattro & e3000X bag

4550.560



**Ready-to-Weld Package vegaview2.5**  
e3000X with vegaview2.5, parking buddy & e3000X bag

4580.050



**Ready-to-Weld Package panoramaxx clt**  
e3000X with panoramaxx clt & e3000X bag

4550.590



**Ready-to-Grind Package clearmaxx**  
e3000X with clearmaxx, parking buddy & e3000X bag

4900.250

# Technical Data.

Description	Powered Air Purifying Respirator with integrated airflow-sensor and three selectable flow rates
Protection level	Protection level TH3 (EN 12941)
Flow rates	Level 1: min. 170 l/min Level 2: min. 210 l/min Level 3: min. 240 l/min
Fuse	Electronic fuse
Noise	max. 70dbA
Dimensions	222 x 213 x 92,6 mm (LxWxH)
Weight	1.560 g (incl. filter, belt and battery)
Color	green
Type	TH3P R SL Filter für TH3P System (EU)

Hose length	0.7 m (elastic up to 1.3 m)
Standards	EN 12941:1998 + A1:2003 + A2:2008, AS/NZS 1716:2012, EAC: TP TC 019/2011 ATEX Standards: EN ISO 80079-36; EN 1127-1; EN 60079-0; 60079-15
ATEX	II 3D Ex h III C T100°C Dc II 3G Ex h II B T5 Gc
Notified body / Lic. No.	CE 1024
Warranty	2 years from date of sales for manufacturing and material defects, 6 months warranty for battery

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