

e 3000X

X-tend your possibilities.

optrel®
swiss made 

THE NEW LEAGUE
FOR FRESH AIR AND
BREATHING PROTECTION.
X-TEND YOUR
POSSIBILITIES!

TH3
certified



Ready for
A1B1E1 gas filter!

Automatically better welding



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 A1/B1/E1 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!

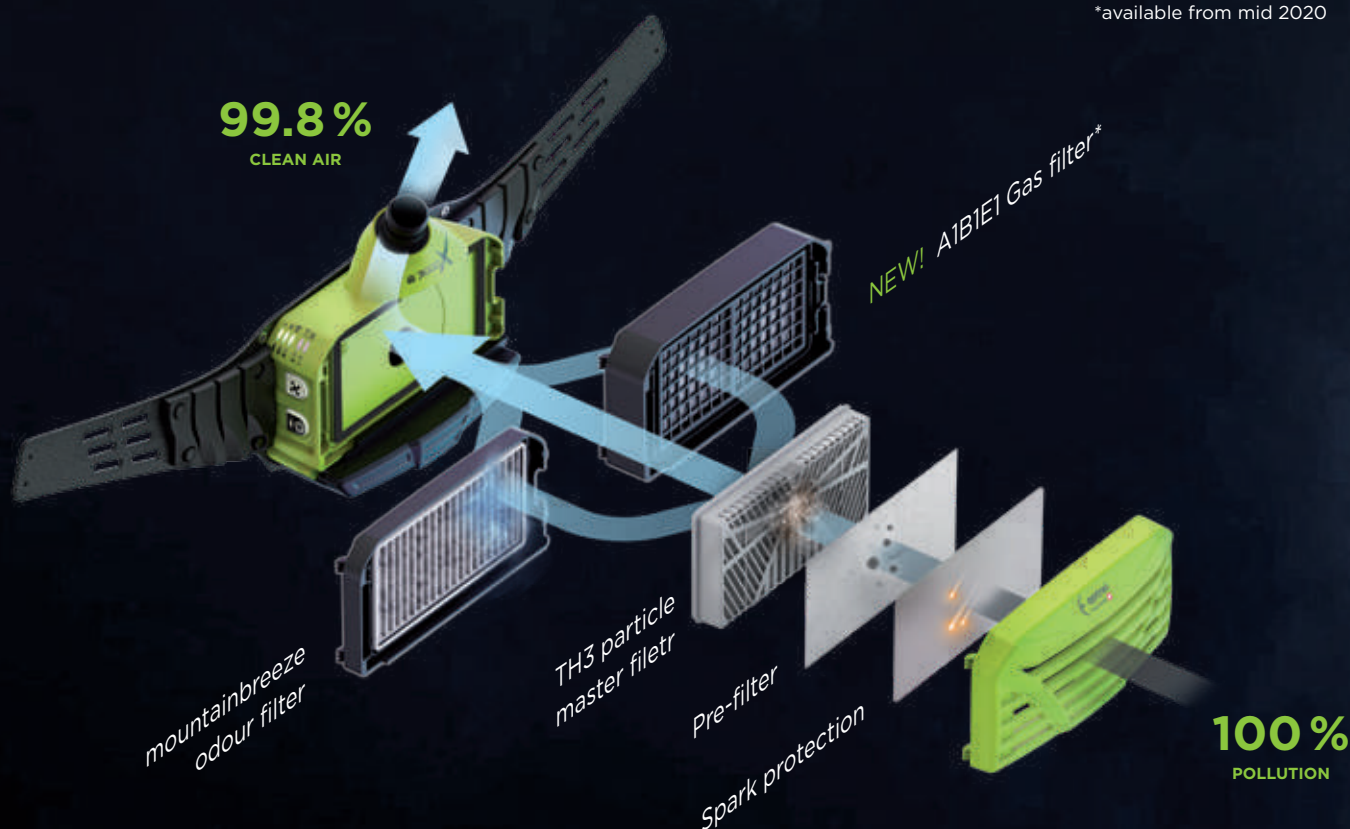
Compared to the widely available TH2 systems, TH3-certified breathing protection systems filter 10x more dirt out of the air, or in other words: 99.8% of the harmful particles are filtered out of the air. And clean air is a rare commodity these days.

A1 B1 E1
gases

GAS FILTER INSERT FOR
MAXIMUM SAFETY

The A1 B1 E1 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.

*available from mid 2020



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 BEST OF BOTH WORLDS. HELMET/BREATHING PROTECTION COMBINATIONS FROM OPTREL.

optrel Ready-to-Weld
packages include:



Fresh air helmet



e3000X



Shoulder strap
(optional)

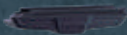


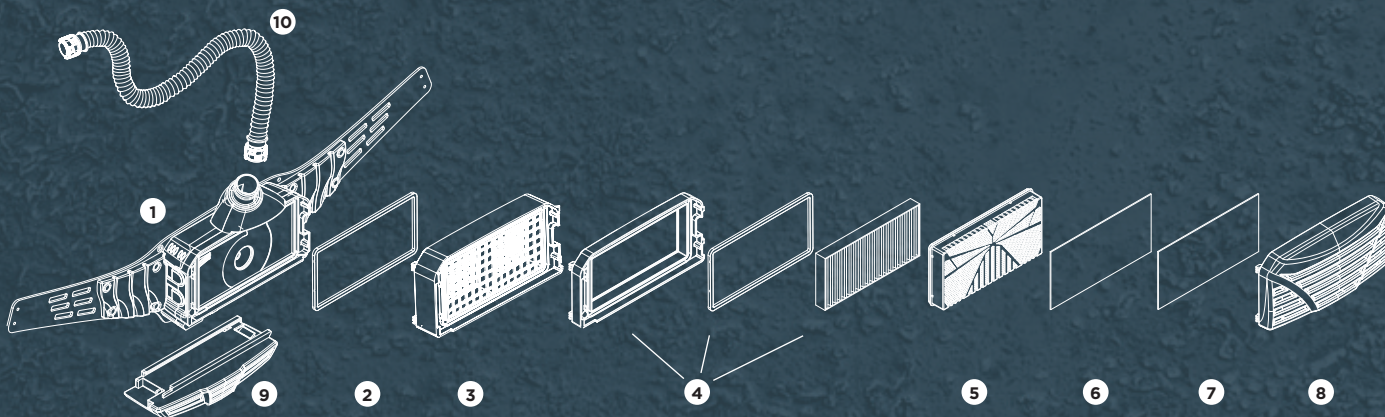
parking buddy



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	Art. no.	Accessories	Art. 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 A1B1E1 gas filter	available Q2/2020	 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	Art. no.	Ready-to-Weld/Grind Packages	Art. no.
 Ready-to-Weld Package crystal2.0 e3000X with crystal2.0, parking buddy & e3000X bag	4530.050	 Ready-to-Weld Package liteflip autopilot e3000X with liteflip autopilot, parking buddy & e3000X bag	4540.050
 Ready-to-Weld Package panoramaxx e3000X with panoramaxx, parking buddy & e3000X bag	4550.550	 Ready-to-Weld Package vegaview2.5 e3000X with vegaview2.5, parking buddy & e3000X bag	4580.050
 Ready-to-Weld Package e684 e3000X with e684, parking buddy & e3000X bag	4550.460	 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 for 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
Notified body / Lic. No.	CE 1024
Scope of supply	Blower unit with hose, TH3P R SL filter, 18h power battery, fabric belt, charger, parking buddy, bag, user instructions
Warranty	2 years from date of sales for manufacturing and material defects, 6 months warranty for battery

Your optrel Reseller:



optrel AG
industriestrasse 2
CH-9630 wattwil
switzerland
www.optrel.com
info@optrel.com

optrel.com



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