

→

optrel®
swiss made 



clearmaxx

Clear view. Clear air.

Ph: 0800 699 353
sales@prolinewelding.com

WELCOME TO THE COMFORT ZONE! CLEARMAXX – THINGS ARE CLEAR

WORK WITH YOUR OWN CLIMATE COMFORT ZONE

Unlimited clear view of your workspace, filtered and clear air with adjustable air distribution make the clearmaxx the unique face and respiratory protection system with the highest safety level.

MULTI FUNCTION SYSTEM

Combining it with the optrel e3000 PAPR system with mountain breeze filter the clearmaxx becomes the perfect buddy on countless types of work. The easy-to-change DIN5 front cover lens expands the system to the perfect protector for efficient plasma cutting.

WEARING COMFORT

Thanks to a minimized weight of only 330 g (PAPR version: 495 g) and an ergonomic fit the clearmaxx sets new benchmarks in wearing comfort.



ADJUSTABLE AIR DISTRIBUTION:

A rotary switch can be used to feed 20% of the air cooling the forehead area. Direct air draft crossing the eyes leading to dry eyes is avoided by the air distribution system.

KEEP A CLEAR OVERVIEW



Item no. 1100.000
optrel clearmaxx standard version



Item no. 4900.020
optrel clearmaxx PAPR-Version
(e3000 PAPR system
has to be ordered separately)

ALWAYS A GREAT VIEW
AND PERFECT AIR
CONDITIONS WHEN
PROTECTING YOUR
FACE IS NECESSARY.

Ideal for:

- grinding
- metal industry
- food industry
- sand blasting
- wood working
- feather industry
- painting
- landfills
- agriculture

SWISS AIR

Safety never felt so comfortable



The revolutionary PAPR system from optrel



TH3 certified
particle
master filter



Automatic
altitude and
temperature
compensation



Steplessly
adjustable air flow
100-130 l/min



Breath
supporting



14 h power pack



No fit test
necessary



SEE
WHAT YOU
CAN DO

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SWISS AIR

Perfect breathing air

Breathing means living. The optrel swiss air respiratory protection system brings clean breathing air into your environment and lets you breathe as freely as you can otherwise only enjoy outdoors in nature.

Many workplaces and public spaces produce pollutants such as smoke, soot particles, particulate matter, nitrogen oxides, ozone or viruses that can enter the lungs through the nose, throat and trachea, causing asthma, chronic cough, bronchitis or other respiratory diseases including lung cancer.

With the optrel swiss air respiratory protection system you enjoy fresh air, completely independent of your activity and your other protective equipment. It makes you independent and free.

WELCOME TO THE SWISS ALPS.
WELCOME TO OPTREL SWISS AIR.

Ventilated half mask made of flame-retardant material covers mouth and nose area completely. Positive pressure supports breathing and avoids fatigue.

Shoulder harness for ergonomically perfect weight distribution of the super-light filter system (only 550 g).

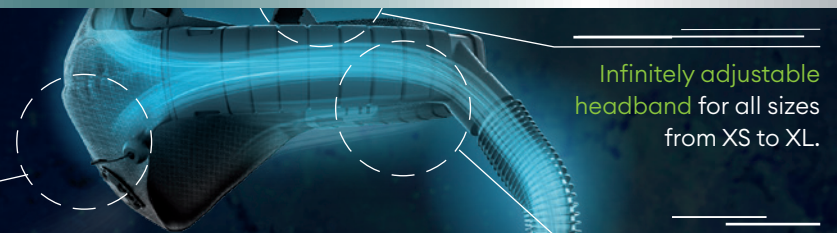
The **Control Panel** operates all functions centrally from the front:

- easy indication of filter and battery status
- stepless regulation of the air flow for maximum working comfort
- Automatic altitude and temperature compensation



99.8%

swiss air meets the highest requirements for professional respiratory protection systems, the TH3 standard: 99.8% of all harmful particles, aerosols, vapors, smoke or even viruses are reliably filtered out of the breathing air.



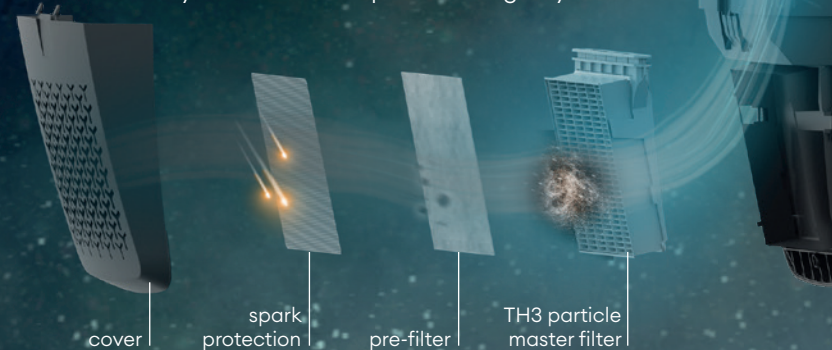
Infinitely adjustable headband for all sizes from XS to XL.



Y-hose with adjustable neck strap and flexible hose elements guides the air directly into the half mask



Powerful TH3 filter unit with innovative, ultra-flat design. Lightweight and comfortable to carry, highly efficient in use. **Blower unit** with automatic air flow calibration and 14h high performance battery for an uninterrupted working day.



Flexible use for numerous types of work

The optrel swiss air respiratory protection system is independent of the helmet or other equipment used and is therefore the most versatile optrel respiratory protection system available.



Grinding / metal working / wood working / industrial applications



Welding / Plasma cutting



Demolition / Construction / Agriculture / Waste disposal / Recycling



Medical applications / Health care



Laboratory applications / pharmaceutical industry

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Technical data

Protection class	TH3 (EN12941)
Blower unit	
Air flow	Level 1: min. 100 l/min. Level 2: min. 115 l/min. Level 3: min. 130 l/min. All levels with automatic air flow control (levels are adjusted directly on the blower and can be steplessly adjusted via the Control Panel at the front).
Material	PA66 GF30
Fan	high quality motor with ball bearings
Fuse	electronical
Noise	max. 70db (A)
Alarm	Visual (with swiss air control panel) and audible for low / very low battery level, clogged filter, no filter and low air flow. Low battery: alarm frequency 3.0 s (1.5 s on, 1.5 s off) Filter: alarm frequency 0.5 s (0.25 s on, 0.25 s off)
Dimensions	(L x W x H): 250 x 170 x 50 mm
Weight	Blower unit 550 g / Overall system 1,200 g
Control Panel	
Indication and adjustment options	- Overview of filter contamination and battery charge status - stepless air flow control and on/off switch - altitude and temperature compensation
Connection	Operating cable with jack plug and cable protection
Half-mask	
Material	POM, ripstop textile (98% polyester and 2% polyurethanes), flame-retardant Polyurethane foam
Valve	Exhalation valve with silicone membrane
Certificates	
Standards	EN 12941 Europe: TH3; Australia: P3; AS/NZS 1716; EAC TP TC 019/2011
Notified body	CE 1024



With any purchase of this product optrel plants a tree and neutralizes the product's carbon footprint.

