



— INCREASED —  
**SAFETY**  
— BETTER —  
**COMFORT**  
— ENHANCED —  
**PRODUCTIVITY**  
— LOWER —  
**COSTS**

A welder wearing a dark helmet with the Optrel e3000 respirator attached. Bright blue and orange sparks are flying from the welding point, illuminating the scene. The respirator has 'optrel' and 'e3000' printed on it.

**e3000**

**POWERED AIR  
PURIFYING RESPIRATOR**

# Health is our focus, productivity is our Goal.

Harsh working conditions caused by smoke, dust, and vapors requires a high performing air purifying respirator systems that provides maximum safety and comfort, while being an cost efficient solution.

## Increased safety

- ⇒ Continuous monitoring of the air flow by means of an integrated sensor during the whole welding process
- ⇒ Ideal in combination with the high-end e600 helmets of optrel



- ⇒ Highest protection class TH3P complying with EN 12941 (European standard) provides optimal safety

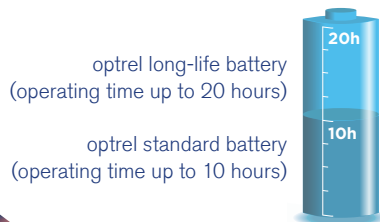
## Better comfort

- ⇒ Adjustable three-level air flow of 150 to 250 nl/min
- ⇒ Cooling effect even at most extreme ambient conditions
- ⇒ Constant air flow thanks to smart sensor-controlled electronics
- ⇒ Highest concentration and less fatigue
- ⇒ Most accurate welding quality
- ⇒ Variable adjustment of the air flow between forehead and respiratory area



## Enhanced productivity

- ⇒ Continuous welding process for two shifts without interruptions
- ⇒ More effective working time for the welder
- ⇒ Efficient battery management provides operating time up to 20 hours



## Lower costs



- ⇒ Cost-saving filter system consisting of prefilter and particle filter
- ⇒ Big-surface particle filter slows down the clogging of the filter in cost-efficient manner
- ⇒ Smart concept of filter replacement helps to lower the operating costs





**Buckle up &  
take a deep  
breath!**

Contact your local  
optrel dealer or  
visit our website  
for more information  
[www.optrel.com](http://www.optrel.com)



**Decades of leadership in innovation.**

# Order codes and technical data

## e3000 – Complete PAPR system

### e3000 blue with

Designation	Art. No.
e680 dark blue	4550.000
e680 dark blue with hard hat	4550.150
e680 snow white	4550.001
e680 snow white with hard hat	4550.151
e680 cosmic green	4550.002
e680 cosmic green with hard hat	4550.152
e670 dark blue	4560.000
e670 dark blue with hard hat	4560.150
e670 snow white	4560.001
e670 snow white with hard hat	4560.151
e670 cosmic green	4560.002
e670 cosmic green with hard hat	4560.152
e650 unpainted	4570.000
e650 unpainted, with hard hat	4570.151
e640 unpainted	4570.000
e640 unpainted, with hard hat	4570.151
p330-10 flip-up unpainted	4510.000
p330-11 flip-up unpainted	4510.001
b630 flip-up unpainted	4590.100

Every Art. No. is available as a long-life battery version. The respective article no. are designated with an additional – L, e.g. 4550-000-L

## Order your PAPR now!

Contact your local dealer.

## e3000 – Accessories


Designation	Art. No.
e3000 PAPR blue	4551.000
e3000 PAPR blue (longlife)	4551.000-L
TH3P Master Filter	4088.100
Prefilter e3000	4088.101
Spark protector e3000	4088.102
Air hose, incl. protective sleeve black	4551.020
Protective sleeve black	4551.021
Battery e3000 standard	4551.011
Battery e3000 longlife	4551.012
Charger e3000 with four plugs (EU/AUS/UK/US)	4551.010
Hard top case optrel e3000 black	4551.050
e3000 filter cover	4551.031

## e3000 – Technical data

<b>Protection factor</b>	Protection level TH3 (EN12941)
<b>Blower unit</b>	
Flow rates:	Level 1: min. 150 nl/min*
	Level 2: min. 200 nl/min*
	Level 3: min. 250 nl/min*
	*all levels tested and calibrated at standard conditions: 20°C at sea level (1013,25 hPa)
Fuse:	electronic fuse
Noise:	max. 60db
Dimensions:	222x213x92.6mm (LxWxH)
Weight:	1560g (incl. filter, belt and battery)
Colour:	blue
<b>Filter type</b>	TH3P R SL Filter for TH3P System (EU)
<b>Hose length</b>	1160 mm (elastic up to 1300mm with protective sleeve)
<b>Standards</b>	EN 12941:1998 TH3
<b>Notified body/Lic. No.</b>	CE 1024
<b>Scope of delivery</b>	Blower unit with hose, protective sleeve, TH3P R SL filter, battery, fabric belt, charger, user instructions.
<b>Warranty (Blower)</b>	2 years from date of sales for manufacturing and material defects, no warranty for battery



Health is our focus,  
productivity is our Goal.

swiss made 

**optrel ag**

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