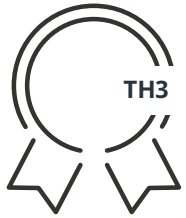


Vizor Air/3X System



Fronius International, Product Management Accessories
Information Class: Confidential

Highlights



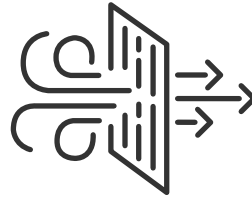
TH3 certified

The complete system is certified in TH3 (EN12941)



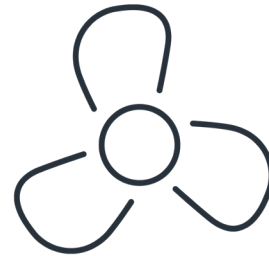
Operating time

Powerful lithium-ion technology



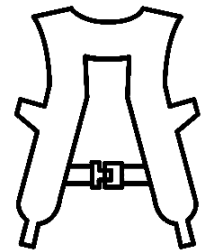
Filter status

The Vizor Air/3 system detects, if the particle filter is missing or clogging



Three airflow levels

- 170 nl/min
- 210 nl/min
- 240 nl/min



Optional „Ergo“ harness

4-point shoulder carrying system to ensure even weight distribution

Full Protection - Vizor Air/3X



Best Protection

The entire system is TH3 (EN12941) certified



High availability

Powerful lithium-ion technology
Operating time up to 18h

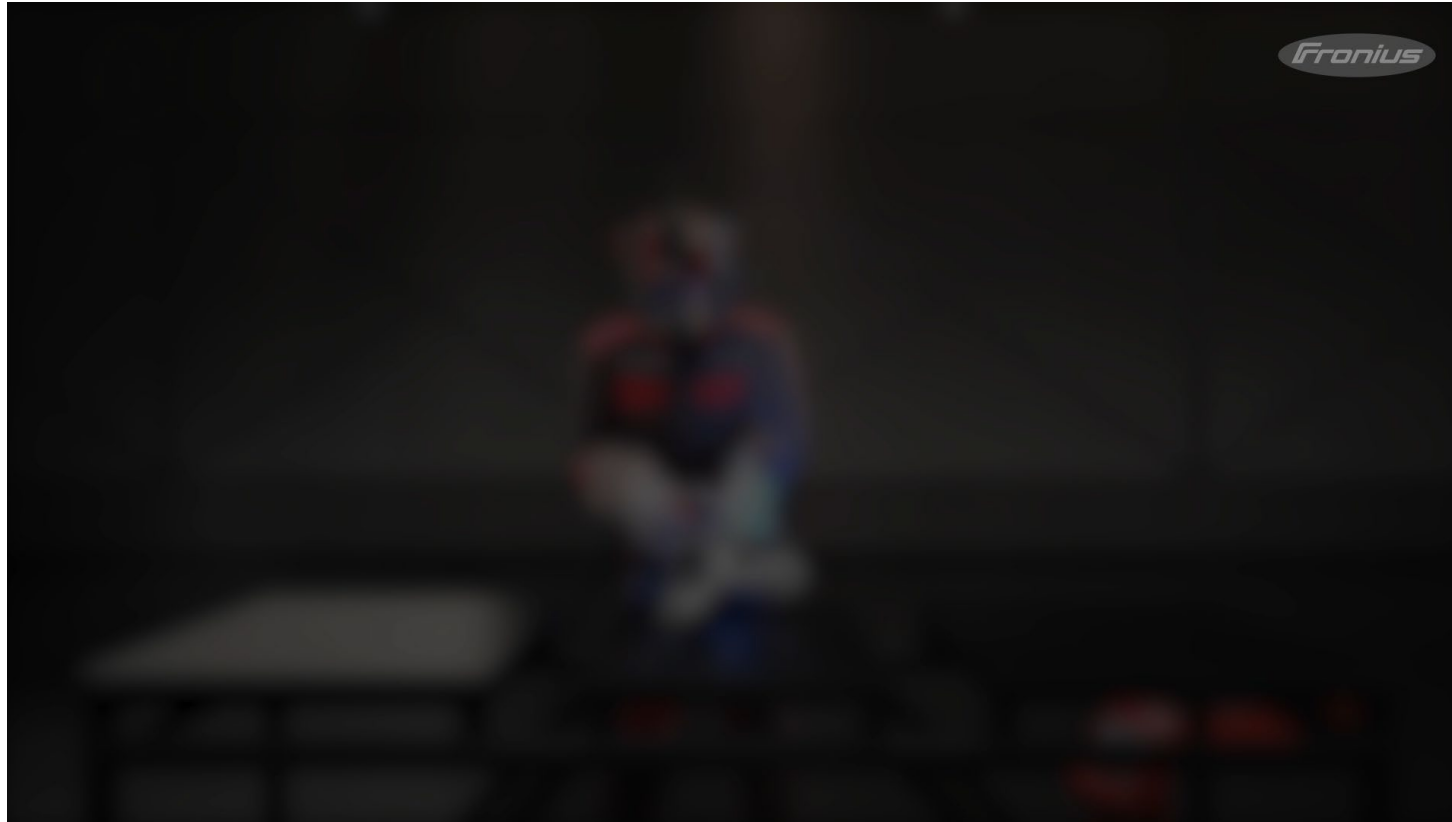


User-friendly

System detects when the particle filter is clogged or when the particle filter is missing



Visualization – Air/3X



Ergo Version



Vizor Crystal



Vizor 4000 Crystal



Vizor Connect

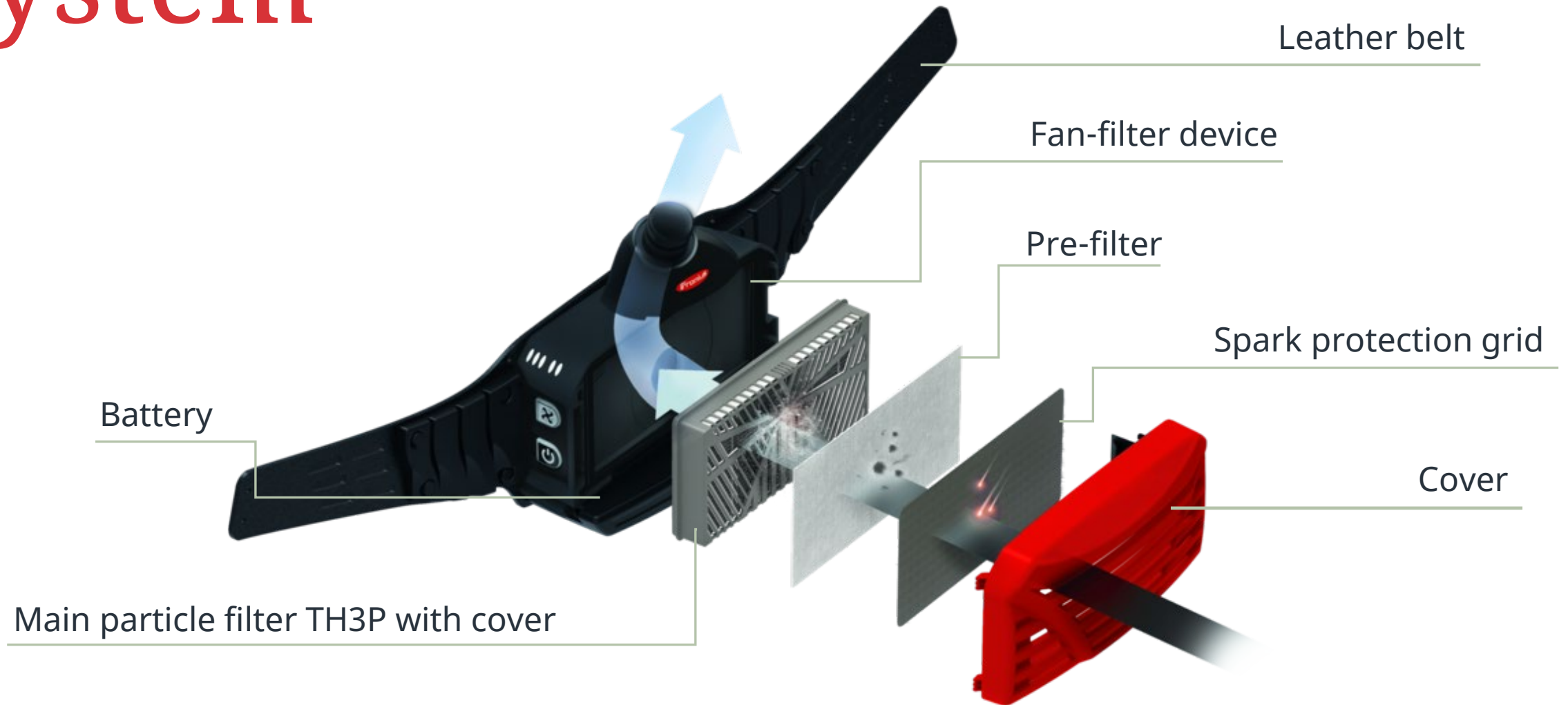
Vizor 4000 Professional

Vizor 4000 Plus



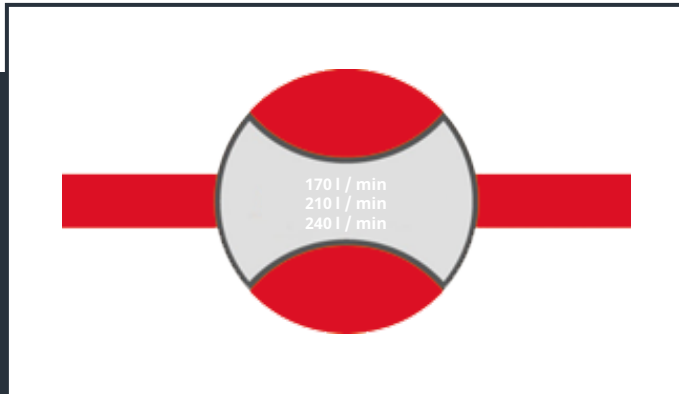
Grind Mask

Airflow through the Air/3X System



Vizor Air/3X Powered Air Purifying Respirator

Automatic air flow test



Manual airflow testing becomes unnecessary!



An integrated airflow sensor automatically checks the airflow of the set stage each time the system gets switched on.

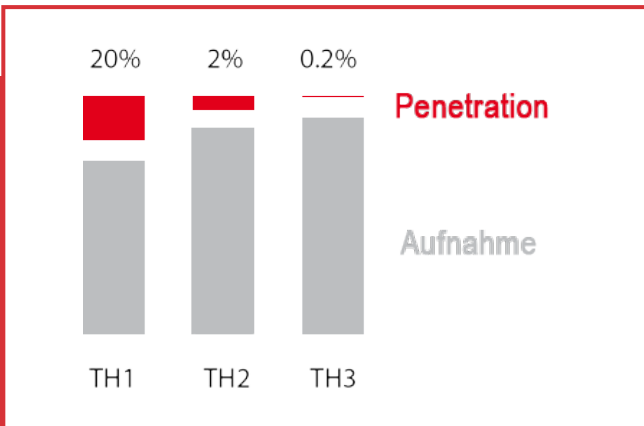
Advantages:

- Fast commissioning without time-consuming measuring
- Safe operation as manual testing is no longer necessary (forgetting, convenience, missing measuring instrument)

Customer benefit: Highest operational reliability

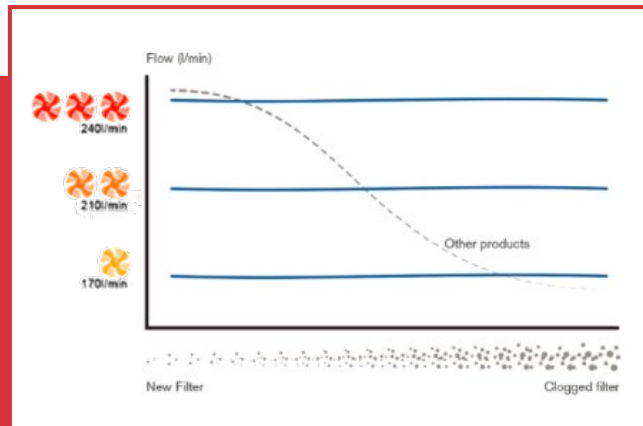
Vizor Air/3X Powered Air Purifying Respirator

Highest filter quality TH3P



More than 99.8% of particles are filtered out.

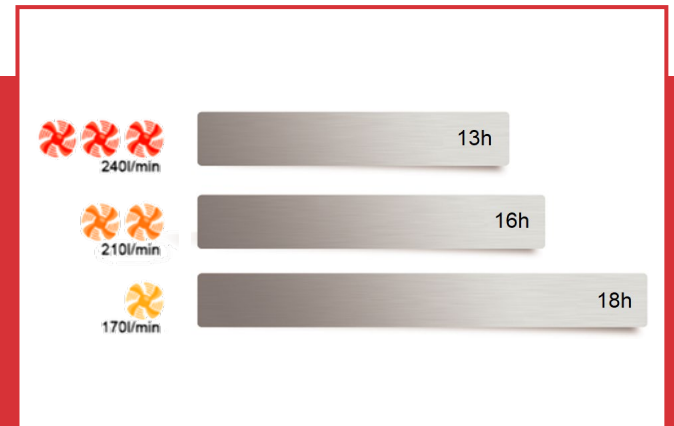
Constant air flow



Thanks to a built-in sensor, the set air volume always remains constant.

When the filter is saturated, a controlled change to the next lower blower level takes place.

Battery operating time

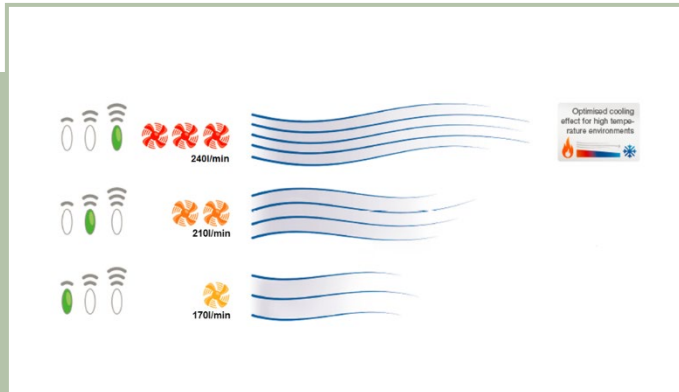


High-performance lithium-ion battery with long operating time reduces battery replacement.

– Operating time up to 18h*.
(* min. Operating time stage 1, new filter, at room temperature)

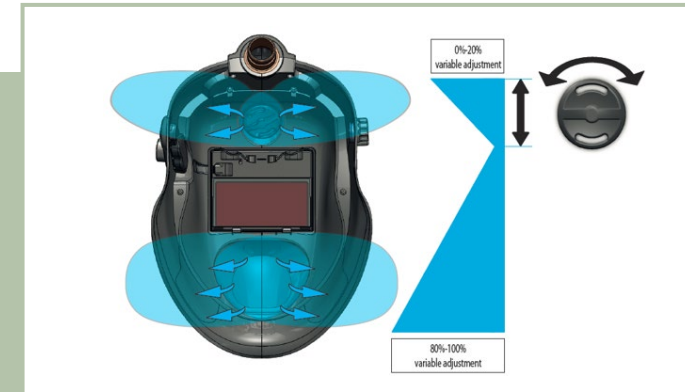
Vizor Air/3X Powered Air Purifying Respirator

High performance airflow



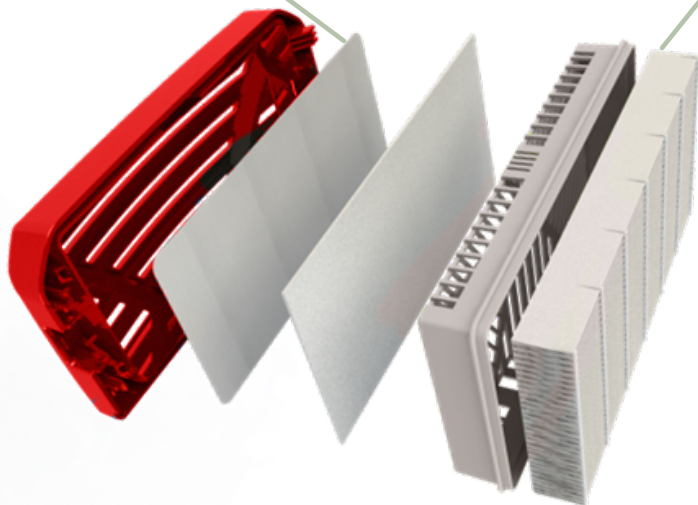
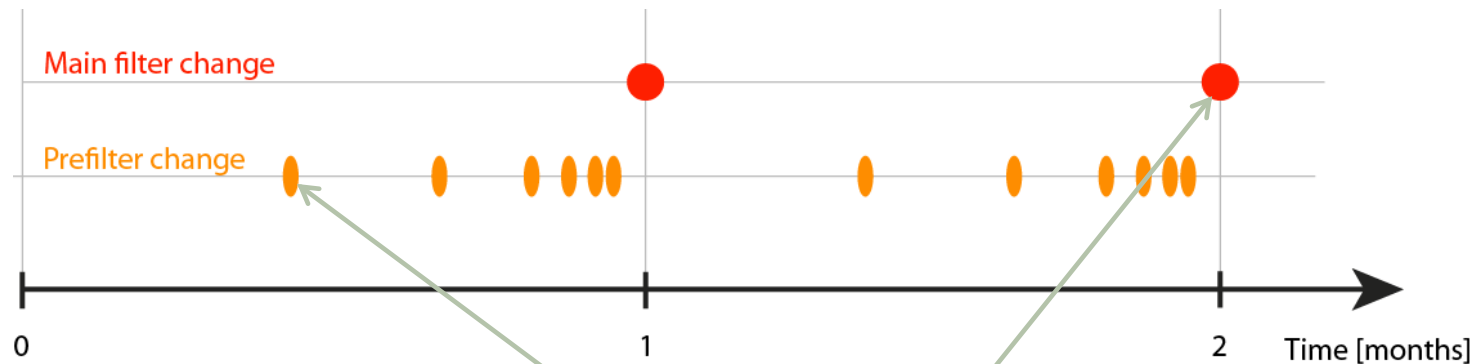
- Easy selection of three different air flows from 170l/min to 240l/min:
- Best cooling effect through air flow selection up to 240l/min
 - Individual adjustability increases the comfort

Air distribution in the helmet



- The unique air distribution inside the welding helmet creates a comfortable working environment.
- This system also provides pleasant cooling for the welder.

Vizor Air/3X | Pre & Main Filter



Improved filter service life (*)

- +30% more engine power to reach the set air volume when the filter is saturated
- +20% longer filter service life due to higher engine performance
- Seamless airflow reduction from Level 3 to Level 1 without stopping the motor if the filter is clogged.

*... compared to the Vizor Air/3 system

Vizor Air/3X | Control Unit

- Blower level
- Alarm message
- Battery status



Blower setting
(the last setting will be saved)

On/Off (press long)
Battery status (press short)

Vizor Air/3X | Odor Filter (Optional)



If unpleasant odors or increased ozone concentration in the workplace lead to slight nausea or headaches – **the odor filter is an ideal accessory**



Technical Data & Portfolio

Vizor Air/3X	
Flow rates	
Level 1:	min. 170 nl/min
Level 2:	min. 210 nl/min
Level 3:	min. 240 nl/min
Filter	TH3P R SL Filter for TH3P System (EU)
Battery	
– Voltage/ capacity	14.8 V / 3.25 Ah
– Charging cycles	➤ 500
– Charging time	ca. 8h
Noise level	max. 70 dB(A)
Total weight	1575 g (without the helmet)
Norm	EN 12941:1998 TH3
Certificate	CE



Item Number	Description
42,0510,0350	Vizor Air/3X fan-filter unit in the hard-top case
42,0510,0399	Vizor Air/3X Crystal
42,0510,0403	Vizor Air/3X Ergo Crystal
42,0510,0351	Vizor Air/3X Connect
42,0510,0352	Vizor Air/3X Ergo Connect
42,0510,0480	Vizor 4000 Air/3X Crystal
42,0510,0536	Vizor 4000 Air/3X Ergo Crystal
42,0510,0353	Vizor 4000 Air/3X Professional
42,0510,0354	Vizor 4000 Air/3X Ergo Professional
42,0510,0355	Vizor 4000 Air/3X Plus
42,0510,0356	Vizor 4000 Air/3X Ergo Plus
42,0510,0185	Vizor Air/3 TH3P Particle filter with prefilter
42,0510,0188	Vizor Air/3 Prefilter (50 pcs. in a set)
42,0510,0362	Vizor Air/3X odor filter kit incl. push-on frame
42,0510,0363	Vizor Air/3X odor filter



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