

/ Perfect Welding / Solar Energy / Perfect Charging



SHIFTING THE LIMITS

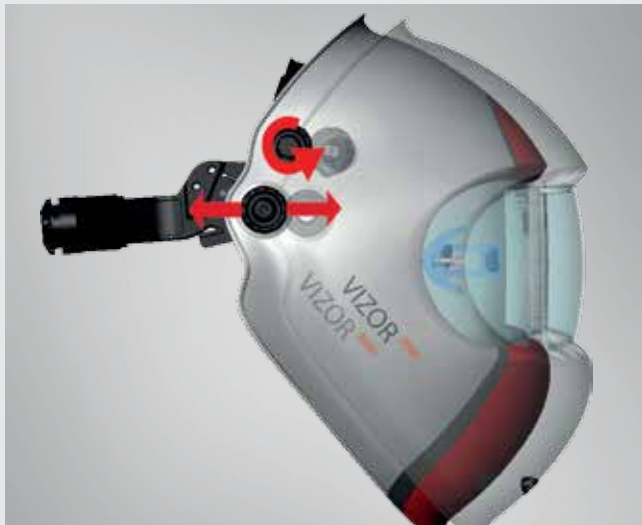
VIZOR 3000

/ Auto-darkening welding helmet



GREATER COMFORT, SAFER WELDING

/ We've made a good thing even better. The new generation of Fronius Vizer welding helmets boasts a slew of useful new features that make welding a lot more comfortable.



/ Angle of helmet, and distance between cartridge and eyes, are both freely adjustable.



/ Diameter and height-adjustable headband.

"ALL CLEAR" FOR PERFECT WELDS

WELDING HELMETS

LARGER FIELD OF VIEW

/ The new generation of helmets comes with a 33 % larger field of vision. This gives welders an excellent view of the workpiece.

TRUE-COLOUR DISPLAY

/ In fact the Vizor 3000 Professional gives you an even better view of everything, not just of the workpiece. Reading off the parameters from the welding machine is now even easier, for instance, and colour recognition has been improved.

OPTIMUM WEARER COMFORT

/ At a mere 490 g and 460 g, the Vizor 3000 helmets have become significantly lighter.

EXTRA SCRATCH PROTECTION

/ On the new generation, the front cover lens is mounted further in, meaning that it is even better protected against damage.

AUTO-DARKENING

/ The helmet detects the start of welding and automatically darkens the filter, ensuring optimum visibility. The solar-powered LC display needs absolutely no maintenance. The integrated back-up batteries in the Vizor 3000 Plus and Professional models are quick and easy to change.

PERMANENT PROTECTION FROM UV/IR RADIATION

/ A special filter integrated in the cartridge gives the welder's eyes 100 % shielding from harmful ultraviolet and infrared radiation at all times.

HIGH-LEVEL THERMAL AND RADIATION SHIELDING

/ The helmet's high-grade materials and special paintwork finish give users the very best protection against heat and reflected light.

AUTOMATIC IDLE MODE

/ In complete darkness, the LC display automatically cuts out after 10 minutes. This saves energy and prolongs its service life. As soon as light reappears, the display is automatically switched back on.



AIRFILTER

CLEAR VIEW, FRESH AIR

/ A constant supply of fresh air, and protection from harmful emissions.

/ The Vizor 3000 Air/3 Systems also protect users from particles, welding fumes and dust. A battery-powered fan draws in ambient air through a fine-particulate filter, keeping the welder reliably supplied with fresh air. The Vizor 3000 Air/3 also has a separate airflow duct inside the helmet shell, directing a controllable flow of air right into the breathing zone. The air-flow has a cooling, refreshing effect and ensures pleasant, comfortable working.

/ The fresh-air supply is certified to EN 12941:1998 TH3P. This lets welders work in a clean environment even when the ambient air at the workplace has up to 20 times the maximum allowable particulate concentration.



/ Controllable air-flow for the mouth and forehead zones.

/ The electronic air-flow regulation system monitors the fan so as to ensure a constant flow-rate of min. 150 l, 200l bzw 250l /min. As well as this, an acoustic and visual alarm warns users of low batteries and when the filter is full or missing, to ensure the very greatest safety.

/ The new generation “Air/3” models come with lighter, more powerful, replaceable lithium-ion rechargeable batteries, ensuring longer running times. Under average conditions, the standard battery has a run-time of 9 – 10 h, and the optional longlife battery up to 14 h.

/ Finally the new generation of Air/3 models have an improved fastening scheme of the hose that gives users even greater freedom of movement.



/ The Vizor 3000 Air/3Filter fan-filter unit protects the user from particles, welding fumes and dust.

APPLICATIONAL RANGE / VIZOR 3000	STANDARD	PLUS	Professional	AIR/3 STANDARD	AIR/3 PLUS	AIR/3 PROFESSIONAL
90 – 200 A	•			•		
60 – 450 A		•			•	
1.5 – 450 A			•			•

TECHNICAL DATA / VIZOR 3000	STANDARD	PLUS	Professional	AIR/3 STANDARD	AIR/3 PLUS	AIR/3 PROFESSIONAL
Permanent protection from UV/IR radiation	•	•	•	•	•	•
Manual shade-level switchover (10 or 11)	•			•		
Continuous shade-level settings (9 to 13)		•			•	
Continuous shade-level settings (5 to 13)			•			•
Detection angle can be set to either 60° or 120°	•	•	•	•	•	•
Dark-to-light delay (fast / slow)		•	•		•	•
Sensitivity controller		•	•		•	•
Grinding mode (shade-level 4)		•	•		•	•
True-colour display			•			•
Battery-change for LC display		•	•		•	•
Weight: complete helmet 460 g	•					
Weight: complete helmet 490 g		•	•			
Meets CE, DIN, ANSI, CSA, AS/NZSm, GOST-R Standards	•	•	•	•	•	•

VIZOR 3000 AIR/3FILTER	AIR/3 STANDARD	AIR/3 PLUS	AIR/3 PROFESSIONAL
Constant air supply min. 150 / 200 / 250 l/min	•	•	•
Rechargeable Li-ion battery (standard): typical op. duration 10 h at 150 l/min	•	•	•
Rechargeable Li-ion battery (longlife): typical op. duration 20 h at 150 l/min	/	/	/
Weight: fan-filter unit, incl. filter hose and battery, 1205 g	•	•	•
Meets EN 12941:1998 TH3P and GOST-R Standards	•	•	•

• standard feature / optional



ARTICLE NUMBERS

/ Vzor 3000 Professional	42,0510,0083
/ Vzor 3000 Plus	42,0510,0085
/ Vzor 3000 Standard	42,0510,0084
/ Vzor 3000 AIR/3 Professional	42,0510,0177
/ Vzor 3000 AIR/3 Plus	42,0510,0178
/ Vzor 3000 AIR/3 Standard	42,0510,0179
/ Vzor Backpack	42,0510,0078

BACKPACK

HELMET PROTECTION FOR YOUR PROTECTION HELMET

/ Another practical accessory: the Fronius BackPack. A convenient rucksack that every model of Fronius Vzor fits into. Handy storage pockets provide plenty of room for all the necessary utensils. The padded back makes it pleasant to wear, even at the hardest-to-get-to jobsites. Safe inside the Fronius BackPack, your helmet is optimally stored and protected when not in use.

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WE HAVE THREE DIVISIONS AND ONE PASSION: SHIFTING THE LIMITS OF POSSIBILITY.

/ Whether welding technology, photovoltaics or battery charging technology – our goal is clearly defined: to be the innovation leader. With around 3,000 employees worldwide, we shift the limits of what's possible – our more than 850 active patents are testimony to this. While others progress step by step, we innovate in leaps and bounds. Just as we've always done. The responsible use of our resources forms the basis of our corporate policy.

Further information about all Fronius products and our global sales partners and representatives can be found at www.fronius.com

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Fronius Canada Ltd.
2875 Argenta Road, Units 4,5 & 6
Mississauga, ON L5N 8G6
Canada
Telephone +1 905 288-2100
Fax +1 905 288-2101
sales.canada@fronius.com
www.fronius.ca

Fronius USA LLC
6797 Fronius Drive
Portage, IN 46368
USA
Telephone +1 877 FRONIUS
sales.usa@fronius.com
www.fronius-usa.com

Fronius UK Limited
Maidstone Road, Kingston
Milton Keynes, MK10 0BD
United Kingdom
Telephone +44 1908 512 300
Fax +44 1908 512 329
sales.uk@fronius.com
www.fronius.co.uk

Fronius International GmbH
Froniusplatz 1
4600 Wels
Austria
Telephone +43 7242 241-0
Fax +43 7242 241-953940
sales@fronius.com
www.fronius.com