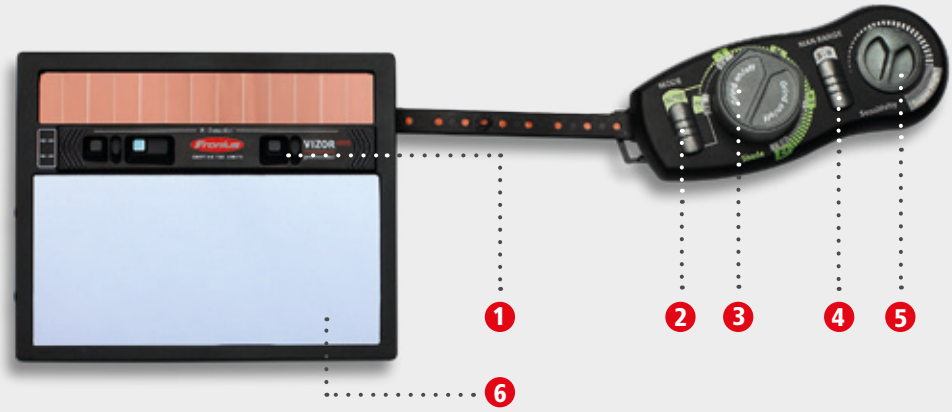
SHIFTING THE LIMITS

VIZOR 4000 PROFESSIONAL

/ Welding helmet with automatic protection level regulation

/ The new Vizor 4000 Professional provides exceptional protection for the welder and not only makes all types of welding work even safer, but more efficient, precise and comfortable too - regardless of the welding position. A particularly innovative feature of this model is the option of switching between automatic and manual modes. In Auto mode, the appropriate level of protection is set automatically within a range of (Shade Level) SL 5 to SL 13. An additional light sensor measures the intensity of the arc and provides the optimum view of the weld seam.



1. **Sensor slide:** to change the detection angle of ambient light from 80° to 60°
2. **Auto mode:** the adaptive protection level regulation automatically sets the appropriate level of protection within the range of SL 5 to SL 13
3. **Grinding mode:** in this mode the cartridge is deactivated and remains light (protection level 4)
4. **Protection level ranges:** SL 5-9 and SL 9-13
5. **Sensitivity controller:** adapts the sensitivity of the sensors to the surroundings and the individual requirements
6. **Real colour display:** perfect view of the weld seam through the real colour filter
7. **Soft Delay:** provides the option to open the cartridge in a fluid motion from dark to light using the new dimming function

EXPANSION OPTIONS

/ The Vizor 4000 boasts a variety of expansion options, which are perfectly tailored to the welder's personal requirements:

- / Fan-filter unit
  (also available as a kit with the helmet)
- / Industrial safety helmet kit
- / Diopter compensation
- / Neck and head protection (made of leather)

ITEM NUMBERS

42,0510,0197	Vizor 4000 Professional
42,0510,0199	Vizor 4000 Air/3 Professional
42,0510,0196	Vizor 4000 Air/3 Professional conversion kit
42,0510,0024	Cover plate (set of 5)
42,0510,0092	Internal cover plate (set of 5)

TECHNICAL DATA

Protection levels	4/5-9 and 4/9-13
Optical classes	1/1/1/1
Total weight	500 g
Switching time (light to dark)	0.170 ms at room temperature 0.110 ms at 55°C
Standards	CE, ANSI Z87.1, AS/NZS, EAC, complies with CSA Z94.3
Cartridge size	90 x 110 x 7 mm / 3.55 x 4.33 x 0.28" 50 x 100 mm / 1.97 x 3.94" (field of vision)
Power supply	Solar cells 2 x 3V replaceable Li batteries (CR2032)

/ Vizor 4000 Air/3 Professional - breathing apparatus kit with helmet and fan-filter unit

/ Perfect Welding / Solar Energy / Perfect Charging

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 record of over 1,000 granted patents is 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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