Vizor 4000 Crystal

Crystal clear view

The Vizor 4000 Crystal provides unique glare protection technology, and in light conditions, you can perceive color almost as clearly as you would through a clear glass window. In darkness, the welder has a detailed and high-contrast view of the weld pool, with unprecedented clarity.

The display opens smoothly, significantly reducing eye strain in comparison to a normal delay function (twilight function).

You can set the most important settings, such as shade level and grinding mode, directly on the outside of the welding helmet.

Shade Level 2.0
The light transmission level of 31% at shade level 2 when open allows for a virtually perfect view of your working environment.

With the seamlessly adjustable sensitivity, the sensors can be adapted to the environmental conditions.

Auto Shade 4<12
Thanks to the autopilot, you no longer need to set the shade level yourself. The auto-darkening filter cartridge darkens automatically and regulates independently between 4 and 12, according to the arc intensity.

In grinding mode, the auto-darkening filter cartridge remains deactivated. This ensures interference-free grinding.

Your benefits

– Better vision before, during, and after welding, thanks to Crystal Lens Technology
– Autopilot function allows for comfortable working
– Super lightweight, at just 0.5 kg / 1,1 lb
– Compatible with fan filter unit Vizor Air/3X

Compatible with fan filter unit
Vizor Air/3X

Technical data

Levels of protection	Autopilot: 2.0 (light condition) 4 < 12 (dark condition)		Autopilot inactive: 2,0 (light condition) 4–8/8–12 (dark condition)	
Sensitivity	Seamlessly adjustable, with "super high" sensitivity			
Eye protection	Ultraviolet/infrared protection: maximum protection across all levels of protection			
Switching time from light to dark	0,100 ms at room temperature 0,070 ms at 55°C			
Switching time from dark to light	0,1–2,0 s (twilight function)			
Classification according to EN379	Optical class: 1	Scattered light class: 1	Homogeneity class: 1	Angle dependence class: 2
Weight	0,5 kg/ 1,1 lb			