



Sirix Crystal

Welding.
Grinding.
Cutting.



The Sirix Crystal with slide-up technology: Perfect protection for welding, grinding, or cutting. In addition to its large field of view, it also features unique anti-glare technology.



Quickly switch between welding, grinding, and cutting using the integrated slide-up feature of the internal auto-darkening filter cartridge. All you need is one welding helmet and you're fully prepared to tackle any task.



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.



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



The nose cut gives the welder up to six times the field of vision of conventional welding helmets.



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



Integrated ergonomic headband for unbeatable customization options.



Thanks to the latest solar technology, the lithium-polymer battery can either be charged with welding light or ambient light. Alternatively, you can also charge the battery via a Micro-USB interface with any conventional USB battery charger.



- 1** Slide-up feature:
Two visor positions:
one for welding (A) and
one with a clear view
for grinding and other
tasks (B)
- 2** Ergonomic
headband for
unbeatable
customization
options
- 3** Industrial safety helmet
(option)
- 4** Compatible with
Vizor Air/3X fan
filter unit

Technical data

	Sirix Crystal			
Field of vision	Thanks to the nose cut and the selected headband adjustment, the field of vision is 2.3 to 6.3 times larger (compared to industry-standard 100 x 50 mm auto-darkening filter cartridges)			
Grinding	Slide-up feature with integrated grinding visor (180° field of vision)			
Levels of protection	Autopilot: 2.0 (light condition) 4 < 12 (dark condition)		Autopilot inactive: 2.0 (light condition) 7-12 (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	0,090 ms at room temperature 0,070 ms at 55 °C			
Switching time from dark to light	0,1-2,0 s (dimming function)			
Classification according to EN379	Optical class: 1	Scattered light class: 1	Homogeneity class: 1	Angle dependence class: 2
Power supply	Rechargeable lithium-polymer battery via Micro-USB cable, supported by solar cells			
Charging time	approx. 1 hour			
Weight	0,64 kg / 1,41 lb			