

XELUX G1 GAS

Schweisserschutzfilter

Welding Filter

+ SWISS MADE

SCHWEISSEN IN FARBE



www.xelux.ch

Instruction Manual

Warning! The XELUX G1 GAS welding filters are intended to use for autogenous welding, plasma welding and plasma cutting. Welding without safety equipment is dangerous and can lead to inflammation of the cornea as well as cataract. The welding filters XELUX G1 GAS must only be used for welding processes where a shade level 6 is sufficient. Make you sure you have proper lighting, ventilation, fire safety and a solid stance.

Please read the manual before first use .

Characteristics

Ideal for autogenous welding, plasma welding and plasma cutting

Maximum eye protection at minimal weight

Full color recognition and natural view with realcolor optics

Splinter-proof, multi-layered structure of both optics and casing

CE certified

Application

The XELUX G1 GAS welding filters were specifically developed to be used for autogenous welding, plasma welding or plasma cutting.

The XELUX G1 GAS welding filters must not be used for laser protection.

Personal light sensitivity varies long term with age and short term during the day. When in doubt which shade level to use, please refer to the corresponding norms and recommendations of the professional associations

Make sure you are using the correct model for your welding type. For your safety and proper functioning of the filter, make sure you have enough lighting at your work environment.

XELUX G1 GAS:

Light state #2.5 / Dark state #6

You can now take on the mask and start working. There is no on/off switch. The XELUX G1 GAS active welding filters darken and brighten automatically. Make sure neither the solar panel nor the sensors besides the solar panel are obstructed.



Technology

The **HOT-SPOT-DETECTOR** reliably detects harmful light sources in a downward pitched cone shaped angle in front of the user's face and the XELUX G1 GAS welding filter will automatically switch from its light state at shade level 2.5 to its dark state at shade level 6. The welding filter will not darken while not looking at the light source.

The XELUX G1 GAS welding filter is powered by an integrated lithium battery to enable welding in total darkness.

The XELUX G1 GAS welding filter is dust- and waterproof.

Technical specification

Material: Plastics (skin-friendly) and glass

Weight: 32 g

Filter dimensions: 108 x 51 mm

Viewing area: 100 x 60 mm

Warranty: 36 months

Lifetime: min. 10 years

Lifetime battery: min. 5 years

XELUX[®]
ACTIVE EYE PROTECTION



Markings

G1 2.5 / 6 / GEO / 1 / 1 / 2 / 3 / 379 CE

Light state	Dark state	Manufacturer	Optical class	Diffusion of light class	Variations in luminous transmittance class	Angle dependence of luminous transmittance	CE standard
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Manufacturer: castelberg design gmbh
Etzelstrasse 44E
8020 Wädenswil, Switzerland

Notified body: ECS GmbH (1883)
Hüttfeldstrasse 50
73430 Aalen, Germany

Maintenance, lifetime, and warranty

Besides cleaning there is no maintenance necessary. The **XELUX G1 GAS** welding filters can be cleaned with a microfibre towel, or a regular towel intended for cleaning glasses. To disinfect use a common disinfectant and a towel. Make sure cleaning liquids are applied to the towel, not directly to the welding filter.

The **XELUX G1 GAS** active welding filter uses an integrated battery. The battery lifetime is 5 years minimum. At the end of the product lifetime, please dispose it accordingly for electronic products.

Manufacturer warranty for material and manufacturing errors is 36 months. Damages that result from physical abuse of the product are not covered by the warranty.

Warranty only applies for the described use case and only for unmodified products. Besides warranty claims, no other damages will be covered.

Security advice

The **XELUX G1 GAS** welding filters should be stored at temperatures from -10°C to +40°C and at a relative humidity below 80%. Short term operating temperature is between -10°C and +70°C. Exceeding these temperature ranges can lead to damages that are not covered by the warranty.

The **XELUX G1 GAS** active welding filters must not be used for other purposes that are not described in this manual.

In rare cases allergic reactions to the filter are possible. If the filter causes skin irritations, it must not be used further, and medical advice is recommended.

If a **XELUX G1 GAS** welding filter shows unexpected behaviour or is visibly damaged it must not be used further.

When wearing glasses beneath the welding mask, shocks caused by high-speed projectiles can be transferred to the face.

Usage of **XELUX G1 GAS** welding filters for different applications than described in the manual, especially under extreme temperatures or presence of high-speed projectiles, is not allowed.

Accessories / Spare parts

XELUX G1 GAS Protection plate outside/inside 108 x 51 mm
Set of 10 pieces

Item no.: 50.110

XELUX G1 GAS Face mask leather black

Item no.: 60.080

Distribution

Distribution is taken care of by the qualified retailers, our online shop or by contacting us directly. We will also gladly recommend you a local distribution partner.

Please visit our website www.xelux.ch where you can find further information.

If you have any questions, please do not hesitate to contact us. We will gladly help you.



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