Welding hood self-darkening Black



Instructions for use

Translation of the original instructions

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Thank you for purchasing this product, we wish you satisfaction with its use.

You have become the owner of an auto-darkening mask. This mask is characterized by maximum safety and ease of operation, it is a reliable, high-performance device with quick installation. It provides permanent protection from UV and IR radiation, heat. Although it is simple to use, its operation must comply with the health and safety requirements and regulations in force in the area where it is used.

The automatically darkening welding mask allows safe work during welding. Automatic the switch ensures comfortable work and the possibility of adjusting the parameters and size of the mask allows you to adapt it to the work you are doing and the user's requirements. The mask is equipped with infinitely adjustable photo-sensor sensitivity. The mask is equipped with a switch of welding modes between TIG and MMA, MAG MIG, TIG and dimming level adjustment.

SAFETY RULES

1. Make sure the dimming level is set correctly before use.

2. The welding hood protects the eyes and face from sparks, dust and radiation that occur during the welding process.

3. Sensitivity selection.

With knob 1 you can adjust the sensitivity of the helmet, i.e. the light it should react to. Set the minimum value when using high amps and when welding in a brightly lit room or in the sun. Set the knob to maximum in case of welding at low amperage, in low light conditions. This setting is also recommended for TIG welding.

4. Helmet on.

The automatic welding helmet is equipped with a headband that allows it to be adapted to individual needs and provides each user with the correct viewing angle. The helmet can be adjusted in three dimensions. This is done by sliding the appropriate hook (buckle).

EXPLANATION OF PICTOGRAMS



Take extra care



Familiarize yourself with the contents of the instruction manual



before use Select a suitable recycling method

Dispose of power tools, accessories and packaging in accordance with applicable environmental regulations.

The plastic parts are correctly labelled to protect the environment accordingly.



Do not dispose of power tools in household waste. According to the European Directive 2002/96/EC on old, used electrical and electronic tools and its implementation in national legislation, the following should be excluded power tools not suitable for use are collected separately and recycled in an environmentally friendly way.

AFTER UNPACKING THE HOOD, MAKE SURE THAT NO ELEMENT IS DAMAGED OR BROKEN.



1. Filter

2. Solar cell

3. Adjusting the degree of darkening

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Filter description



1. Sensitivity

2. Delay

3. Filter cover

SERVICE

The dimming level is adjusted using the side knob. The recommended dimming level depending on the welding method is shown in the table below.

DIN shade grade	Welding process/current [A]						
	Stick electrodes (MMA)	MIG heavy metals	MIG - light alloys	TIG	MAG	Plasma cutting	Microplasma welding
4							1,5-6
5							6-15
6							15-40
7							40-60
8	20-60			10-30	5-70	50-70	60-100
9	60-100	70-125		30-70	70-100	100-125	100-125
10	100-150	125-175	125-175	70-125	100-150	125-150	125-175
11	150-200	175-250	175-225	125-200	150-225	150-175	175-225
12	200-300	250-350	225-300	200-300	225-400	175-250	225-300
13	300-450	350-450	300-400	300-350	400-500	250-400	300-500
14	>450	>450	>400	>350	>500		

The sensitivity determines the amount of light needed to darken the filter. This parameter should be set according to your preferences and welding conditions. The minimum position is recommended for high amplifiers in brightly lit rooms or in direct sunlight. The maximum is set at low-current welding in low light, this setting is also recommended for TIG welding.

The delay is the time for the filter to remain dark after the arc is complete, ranging from 0.1 - 0.9 seconds. Hot metal can often go blind immediately after welding, so this feature can be very useful.

MAINTENANCE AND STORAGE

It is recommended to turn all knobs to the minimum during storage. This will extend the battery life.

Storage should take place in a dry room with a constant temperature not lower than -10°C and not higher than 50°C. Clean the tools regularly with compressed air. The outside of the filter must be clean and free from damage. This will ensure correct function.

FILTER COVER REPLACEMENT

Replacement is done by separating the old cover in its place, installing a new one, not forgetting to break the protective film.

The outer cover is replaced by unscrewing the 2 screws securing the frame. After loosening the frame, you should lift the entire filter, under which the front filter cover is located.



1. Release for exchange

2. Remove the protective film

Replacing the outer cover is done by unscrewing the 2 screws that secure the frame. After loosening the frame, you should lift the entire blackout filter, under which the front filter cover is located.



1. Filter frame fixing screw



NOTE When installing the covers, be sure to remove the protective film.

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THE MOST COMMON PROBLEMS AND SOLUTIONS

Irregular dimming: the lens is positioned unevenly and there is an uneven distance from the eyes to the filter glass. (Reposition the headband to reduce the differences in distance from the filter.)

The auto-dimming filter does not dim or flicker.

- Windscreen is dirty or damaged (replace).

- Sensors are dirty (clean the sensor surface).

- The welding current is too low (re-adjust the mask).

Slow reaction

Operating temperature is too low (do not use the helmet at temperatures below -5°C or 23°F.

Poor visibility

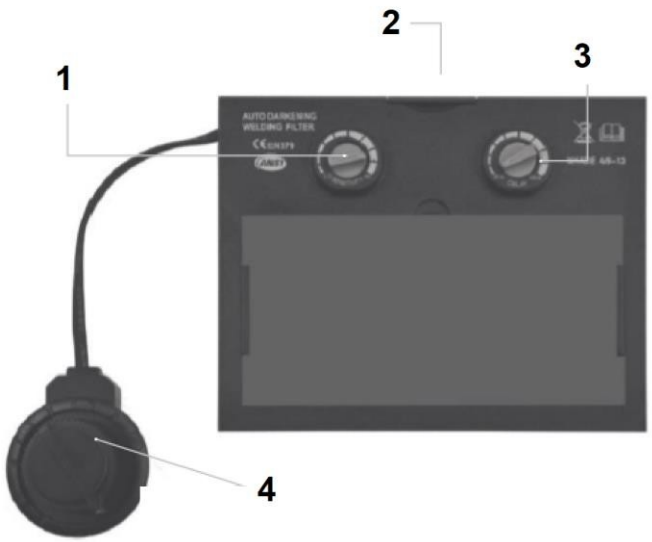
- Windshield/interior or filter are dirty (replace glass).

- Ambient lighting is inadequate.

TECHNICAL PARAMETERS

Power	-	battery - photocell
Material	-	PA / PP
Field of view		96x48 mm
Degree of protection in the lightened state	-	DIN 4
Scope of the degree of protection in the dark state	-	DIN 9 - 13
Response time light - dark	-	5/30000s
Response time from dark to light	-	0.1s ~ 0.8s
Temperature of use	-	- 5°C + 55°C
Storage temperature	-	- 10°C + 65°C
Eye protection	-	EN379 ANSI Z87.1-2010
Face protection	-	EN175
Helmet weight	-	450 g ± 10 g

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1. Sensitivity

Rotary knob for adjusting the sensitivity of the self-darkening glass

2. Battery cover

3. Delay

Rotary knob for setting the brightening delay

4. Turning knob to adjust the degree of dimming

Warranty conditions

In accordance with Act No. 136/2002 Coll., the product purchased by you is guaranteed for a period of 24 months from the date of sale. In the case of purchase of goods used for commercial or business activity, the warranty period is 12 months. The warranty is only provided if the products are used in accordance with the operating instructions and method of use.

All parts subject to natural wear and tear, overloading, use of the product for purposes other than those for which it is intended and defects caused by transport or improper (non-professional) handling are excluded from the warranty. We consider improper handling to be an example where the operating instructions and the generally binding regulations for handling the product have not been observed. Similarly, an attempt at unprofessional repair beyond the recommended maintenance is also assessed.

The warranty applies exclusively to defects caused by defects in materials, manufacturing assembly or processing technology.

The right to invoke the guarantee shall be extinguished:

1) the product has not been used in accordance with the operating instructions

2) any intervention has been made in the design of the machine without the prior written consent of the manufacturer

3) the product has been used in other conditions or for purposes other than those for which it is intended

4) a part of the product has been replaced by a non-original part

5) damage to the product or excessive wear and tear is caused by inadequate maintenance

6) damage caused by external mechanical, thermal or chemical influences

7) the defects were caused by improper storage or handling of the product

8) the product has been used (for the product type) in an aggressive environment e.g. dusty, humid

9) the product has been used in excess of the permissible load

The warranty does not cover items that can be expected to wear due to their normal function (e.g. wear on carbons, spark plug, etc.)

Use only recommended accessories and original spare parts to operate the products.

Claims should be made immediately upon discovery of the defect with the dealer who sold you the product and enquire about repair options at an authorised repairer. If the defect you are claiming is not covered by the warranty, you will be invoiced for the work and costs associated with the inspection and assembly and disassembly components.

When making claims, submit a properly completed warranty card or other proof of purchase bearing the date of sale.

Hand in the product for repair in a clean condition, properly cleaned, free of dust or dirt. Send the original accessories with the product for an accurate diagnosis of the fault.

When sending by transport service, pour out the unconsumed fuel and oil from the product. Pack the product properly, preferably in the original packaging, so as not to damage it. Damage caused by inadequate packaging cannot be accepted as a warranty defect!

Only use fuels and oils of the appropriate classification in the engines, or fuels and oils recommended by the branded dealer. Damage caused by the use of unsuitable fuels and oils will not be covered under warranty.

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