



WELDING HELMET

6083299

User Manual



Please read and understand the manual before using this helmet. Retain this manual for future reference.

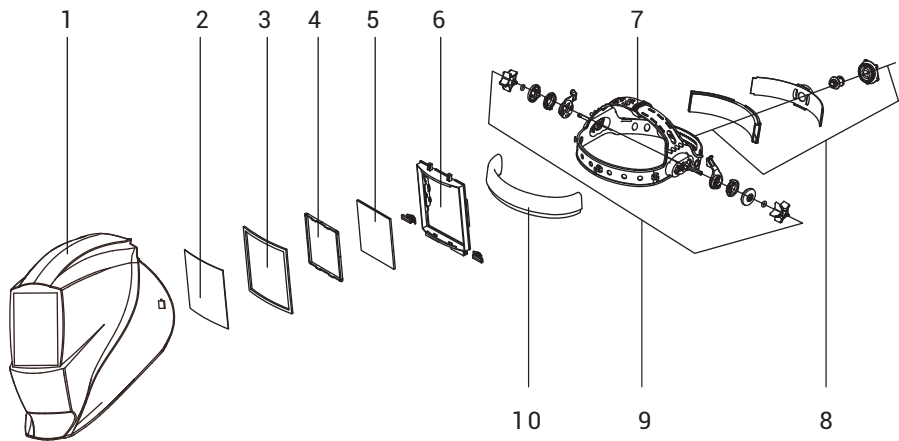
**WARNING**

1. Before welding or cutting, make sure the darkness range offers adequate eye protection for the type of welding or cutting job you intend to perform.
2. Always wear ANSI/CSA approved safety glasses when using this welding helmet. Front cover lens (i.e. front impact resistant plate) **CAN BREAK** and **DOES NOT** provide extraordinary protection against flying particles, splash, spray and spatter.
3. Pitted or scratched lens plates reduce vision clarity, severely reduce impact protection and should be replaced by you immediately to prevent injury.
4. Not for laser welding processes. Not for Oxyacetylene welding/cutting processes.
5. Inspect this helmet frequently and immediately replace worn or damaged parts before using.
6. Ensure the front cover lens is mounted before using and the protective film on the lens cover is removed.
7. Ensure that the lens is clean and there is no dirt or spatter covering the sensors at the front of the Filter cartridge.
8. Do not put weld cap and welding filter near to heat or moisture.
9. Do not make any modifications or replacement of weld cap and filter without authorization.
10. Weld cap can not resist damage caused by violent hit, explosion or corrosive liquid.

TECHNICAL SPECIFICATIONS

Model	6083299
Description	JS WELDING HELMET-CARBON FIBER
Shade	DIN 10
View area	114mm *133mm (4-1/2in.x5-1/4in.)
Front cover lens	114mm *133mm*1mm
Operation Temperature	-5°C ~ +55°C
Storage Temperature	-20°C ~ +70°C
Material of Cover lens	Helmet: PP; Cover lens: PC; headgear: PE&PA
Standards Compliance	ANSI/ISEA Z87.1-2020; CSA Z94.3:20

WELDING HELMET PARTS LIST



Part#	Description	Part#	Description
1	Helmet Body	6	Retaining Frame
2	Front cover lens	7	Headgear Diameter Adjusting Knob
3	Rubber Gasket	8	Headgear Tight Adjusting
4	Support Frame of filter	9	Headgear Angle Adjusting
5	Filter	10	Sweat absorption band

OPERATING INSTRUCTIONS

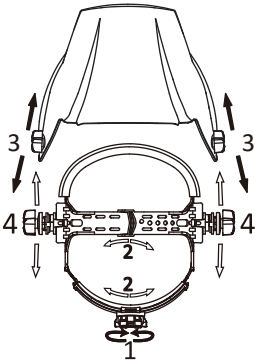
Shade No. Selection

1. The filter Shade No is 10. Please choose the right current of welding following list-according

	Welding Process	Arc Current(Amperes)																			
		1.5	6	10	15	30	40	60	70	100	125	150	175	200	225	250	300	350	400	450	500
☉	SMAW	8					9		10		11		12		13			14			
☉	MAG						8	9	10		11		12						13	14	
☉	TIG	8			9		10		11			12		13							
☉	MIG(heavy)						9			10		11		12		13		14			
☉	MIG(light)						10					11		12		13		14			
☉	PAC						9			10	11	12		13							
☉	PAW	4	5		6		7	8	9	10		11		12							
	Note	★ SMAW-Covered electrodes ★ MAG-Metal arc Welding ★ TIG-Gas Tungsten Arc Welding ★ MIG(Heavy)-MIG with heavy metals										★ MIG(light)-MIG with light alloys ★ PAC-Plasma jet cutting ★ PAW-Microplasma arc welding									

2. In the case of long-term non-use, please check the welding filter and glass cover plate.
In order to ensure the normal process, please wipe them clean before welding.
- Ensure the front cover lens is mounted before using and the protective film on the lens cover is removed.
- Ensure that the lens is clean and there is no dirt or spatter covering the sensors at the front of the Filter cartridge.
- Beware that the eye protection equipment against high velocity particles may impose a hazard to the wearer by passing on hits when worn over standard prescription eyewear.
- The eye protection equipment may only be applied against high-speed particles at room temperature.

HEADGEAR ADJUSTMENT



1. Adjust the headgear diameter with the twist knob on the back. Twist clockwise to tighten and counterclockwise to loosen.
2. Adjust the height by snapping the pin into the hole to lock securely in place.
3. To adjust the viewing angle, loosen the knob on both sides of the helmet and change angle locker to the desired tilt position (5 selection and positioned in the middle by default). Once achieving the desire angle, tighten the knobs until snug. The helmet should still swing up, but it should not drift downward when in place for welding.
4. To adjust the distance between the user's face and filter, loosen the knobs on both sides of the helmet until the headband can move back and forth freely, reposition the headband at one of the 3 slots as desired (The headband is positioned in the middle by default). This should be done one side at a time and both sides should be located at the same position for proper filter operation.

MAINTENANCE

1. Please use tissues, lens wiping paper or clean cotton cloth and detergent to clean filter.
2. Please use neutral detergent to clean out shell of weld cap and sweatband.
3. Please replace outside and inside protector and sweatband regularly.
4. Please do not use corrosive solvent or gasoline to dilute detergent.
5. Instructions for cleaning and disinfection. Clean the welding filter with a clean lint-free tissue or cloth. Do not immerse the helmet into water. Do not use solvents.