



MMA



MIG/MAG



TIG



FLUX-CORED



PLASMA



GRIND

iCARE ~ VMG- Fusion Auto Darkening Welding Helmet

Lightweight and Easy Operation

With new high-impact resistant toughness material, the helmet can protect users from high-impact damage, extending the product lifetime. Light weight and comfortable wearing. iEASY series is economical and practical with reliable performance, providing fully protection to welder.



Easy Operation



Hard Hat Adapter



Curved 3D Feature



High-impact Resistance



Wide Application



Weld/Grind Easy Switch



TECHNICAL SPECIFICATIONS



ADF Model	iCARE ~ VMG- Fusion
Optical Class	1 / 1 / 1 / 2
Viewing Area	96 x 40 mm (3.78" x 1.57")
Cartridge Size	110 x 90 x 9 mm (4.33" x 3.54" x 0.35")
Arc Sensor	2
Light State	DIN 3.5
Dark State	DIN 9~13

Shade Control	External
Power On / Off	Automatic On / Off
Sensitivity Control	Low – High, by infinitely dial knob
UV / IR Protection	Up to Shade DIN 16 at all times
Power Supply	Solar cell, Battery replaceable
Battery Type	1 x AAA
Battery Duration	2500 hours
Switching Time	1/16,000 s. from Light to Dark
Dark to Light	0.1 ~ 1.0 s by infinitely dial knob
Low Amperage TIG Rated DC/AC	≥ 10 amps
Grinding	Yes
Low Battery Indicator	Yes
Battery Capacity Test	Yes
Operating Temp.	-10°C ~ +55°C (14°F ~ 131°F)
Storing Temp.	-20°C ~ +70°C (-4°F ~ 158°F)
Helmet Material	High-impact Resistance Nylon
Approved	CE, ANSI Z87.1, CSA Z94.3, AS/NZS 1338.1

PRODUCT FEATURES

Powerful Arc Sensors

This product builds two arc sensors inside, each sensor can work independently and detect welding arcs easily. The arc sensor focuses on the welding arcs without any interference from surroundings.

0.06ms Fast Switch Speed

Two independent arc sensors, stable performance, are free from any ambient light influence.



Adjustable Shade 9-13 / Sensitivity / Delay Infinitely

Knobs design with clear interface, you can easily adjust parameters to achieve shade at any value from 9-13, delay from 0.1 to 1.0 seconds, sensitivity from low to high level.

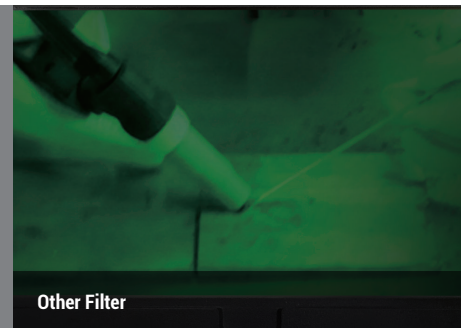
Comfortable and Light Weight Welding Mask

Adjustable headgear for operator comfort. High-impact resistance nylon material, light but strong.

ADF TECHNOLOGY

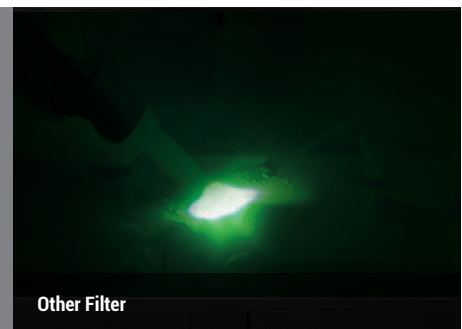
LIGHT STATE

Before/after welding, restore true color, providing extra clear view with comfortable feeling. Easy to adjust the welding machine settings without flipping the helmet.



DARK STATE

During welding, it helps user to observe the weld pool and weld seam more easily and finish welding job more accurately.



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