



MMA



MIG/MAG



TIG



FLUX-CORED



PLASMA



GRIND

## iCARE ~ WB- Fusion Auto Darkening Welding Helmet

### Industrial Design with Excellent Performance

With advanced headgear design, the product greatly reduce eye/head/neck fatigue. 1/1/1/1 highest optical class provides high definition clear view with best eye protection.



Easy  
Operation



Hard Hat  
Adapter



Curved 3D  
Feature



High-impact  
Resistance



Wide  
Application



Weld/Grind  
Easy Switch



### TECHNICAL SPECIFICATIONS



ADF Model	iCARE ~ WB- Fusion
Optical Class	1 / 1 / 1 / 1
Viewing Area	95 X 62mm (3.74" X 2.44")
Cartridge Size	110 X 90 X 9mm (4.33" X 3.54" X 0.35")
Arc Sensor	4
Light State	DIN 3.5
Dark State	DIN 5 ~ 8 / 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 CR2450
Battery Duration	2600 hours
Switching Time	1/25,000 s. from Light to Dark
Dark to Light	0.1 ~ 1.0 s by infinitely dial knob
Low Amperage TIG Rated DC/AC	≥ 2 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	DINplus, CE, ANSI Z87.1, CSA Z94.3, AS/NZS 1338.1

## PRODUCT FEATURES

### Highest Optical Class 1/1/1/1

Top quality ADF lens, optical class: 1/1/1/1, which can provide the safest protection for eyes and the clearest view.

### Exclusive High Resolution Lens Technology

High resolution lens technology bring high-definition visual experience, increases eyes comfort, and reduces fatigue greatly, especially for long period welding job in Industrial field.



### High Impact Resistance

High tenacity shell material, passing EN175 B and ANSI Z87+ impact test under highest level.

### Advanced Headgear Design

5 points adjustable headgear, offering better vision effect and maximum comfortable feelings.

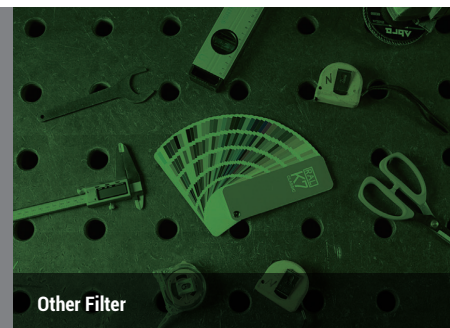
## ADF TECHNOLOGY

### 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.



1 / 1 / 1 / 1 Filter



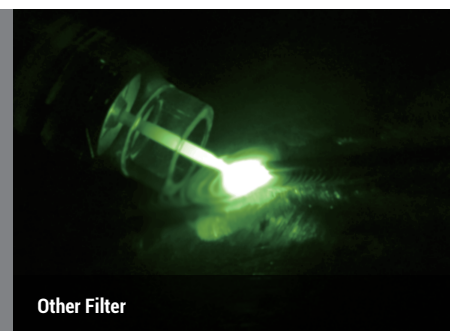
Other Filter

### DARK STATE

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



1 / 1 / 1 / 1 Filter



Other Filter



### DAIHEN VARSTROJ

- ☎ Aftersales: 00386 (0)2 578 88 37
- 📍 Industrijska ulica 4 9220 LENDAVA
- ✉ Email adress: [florjan.tornar@varstroj.si](mailto:florjan.tornar@varstroj.si)
- 🌐 For more details, please refer to [www.daihen-varstroj.si](http://www.daihen-varstroj.si)