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Product Brochure For W1542

Auto Darken Welding Goggle & Mask - 5~9 / 9~13 Shade - U21001K

Suits Mig, Tig, Arc, Gas, Plasma & Grinding

ELITEVISION™ Lens Technology That Greatly Improves The Optics, Includes LED Headlight



On Sale - Limited Stock

Ex GST	Inc GST
~~$226.36~~	~~$249.00~~
$208.18	$229.00

ORDER CODE:	W1542
MODEL:	U21001K
Viewing Area (mm):	110 x 40
Cartridge Size (mm):	~
Arc Sensors (No.):	2
Light State:	~
Shade:	5-9 / 9-13
Shade Control:	Outside Adjustment
Power On/off:	~
Sensitivity Control:	Outside Adjustable
UV/IR Protection:	~
Helmet Power Supply:	1 x CR2450 3V & Lithium Battery
Respirator Power Supply:	~
Switching Time Light To Dark:	0.3 ms
Delay Time Dark To Light (Seconds) (sec):	0.1 - 0.9 sec
TIG Rated Minimum (amp):	5
Grinding Function (Yes / No):	Yes
Inactive Shade (Grind/Off):	Yes
Operating Temperature:	-10ºC ~ +65ºC
Storing Temperature:	-20ºC ~ +85ºC
Helmet Material:	PA
Application Range:	Mig, Tig, Arc & Gas & Welding, Plasma Cutting
Standard:	CE, ANSI , CSA, AS/NZS
Total Weight (grams):	265

Description

The UNIMIG Welding Goggle provides protection to your face and eyes from spatter and UV/IR radiation. Fitted with 2 arc sensors, the UNIMIG Welding Goggles provide 5-13 Shade control as well as GRIND mode for use when grinding. It is suitable for MIG, TIG (Minimum 5A) and STICK welding, as well as plasma cutting.

The UNIMIG Welding Goggle feature ELITEVISION™ Lens Technology, ensuring you always get a clear and natural view of your surroundings and workpiece.

The UNIMIG Welding Goggle has been designed to be versatile in their usage. There is room under the mask to fit an Elipse® Half-Mask P2 Respirator. The mask itself can also be removed so that only the goggles can be used. In addition, the goggles also feature an alternate elastic headband, giving you multiple options to wear the goggles as desired.

LIGHTWEIGHT & COMPACT
Allows welding in tight spaces where standard welding helmets are limited in space. The mask is also detachable from the goggles, allowing for even more versatility.

2 ARC SENSORS
2 arc sensors constantly monitor the arc, allowing for consistent shade control so you can focus on your welds.

ELITEVISION™ LENS TECHNOLOGY
ELITEVISION™ Lens Technology greatly improves the optics of your helmet, letting you see a full spectrum of colours. It also helps to reduce eye fatigue making it safer for extended periods of welding.

ROOM FOR RESPIRATOR
Designed to be worn with an Elipse® Half-Mask P2 Respirator, providing a minimum 99.95% filtration against odours, dust, all types of fumes, oil and water mists and microorganisms.

UV/IR RAY PROTECTION
In combination with the ROGUE™ Welding Hood, the Welding Goggle and Mask provide protection against UV/IR rays.

SLEEP MODE
The goggles have a sleep function to save power. When in WELD MODE, after 30 minutes of no activity sleep mode will be activated;
Any movement or pushing any button will return the goggle back to an active state.

MEMORY
The goggles will remember the last shade setting used by the operator after setting up. After returning to an active state from sleep mode, the goggles will show the last used shade.
Note: CUT MODE and GRIND MODE won't be recorded.

MODES
The goggles have 4 function modes:
- WELD MODE (Shade range 5-9).
- WELD MODE (Shade range 9-13).
- GRIND MODE.
- CUT MODE.
In WELD MODE, 3 functions can be adjusted; Sensitivity, Shade and Delay.
Press the MODE button on the goggles to cycle between WELD MODE and CUT MODE. Within any mode, press and hold the GRIND button for 2 seconds and release to change to GRIND MODE. Press and hold the GRIND button for 2 seconds and release to change back to welding and cutting modes.

VARIABLE SHADE CONTROL
To change the shade in welding and cutting modes, press the SHADE button once and Icon 7 will start flashing. Once Icon 7 is flashing, press the SHADE button again to cycle through the different shades.
Note: Choose an optimum Shade number for the required welding process or application (see back cover).
If the goggles do not darken when striking an arc, stop welding immediately and contact the UNIMIG service department.

SENSITIVITY CONTROL
The responsiveness to different light levels in various welding processes can be adjusted in the range 1-5 (from low to high). Sensitivity only can adjusted be in welding modes.
To change the sensitivity in WELD MODE, press the SENS. button once and Icon 5 will start flashing. Once Icon 5 is flashing, press the SENS. button again to cycle through the different shades.
1 (Low): The photo-sensitivity changes to be lower.
- Suitable for high amperage welding and welding in bright light conditions (lamp light or sun light).
5 (High): The photo-sensitivity changes to be higher.
- Suitable for low amperage welding and welding in poor light conditions.
- Suitable for welding with steady arc process such as TIG welding.
- Under normal use, a higher sensitivity setting is recommended.

DELAY CONTROL
The length of time delay for the goggles to return to a light state after welding can be adjusted in the range 1-5 (for 0.1-0.9s). The time delay is for the protection of welder's eyes from strong residual rays after welding.
To change the delay in WELD MODE, press the DELAY button once and Icon 6 will start flashing. Once Icon 6 is flashing, press the DELAY button again to cycle through the different shades.
1 (0.1s): The time taken for the goggles to lighten after welding becomes shorter. The shortest time is about 0.1s depending upon welding point temperature and shade set. This setting is ideal for track welding or production welding with short welds.
5 (0.9s): The time taken for the goggles to lighten after welding becomes longer. The longest time is about 0.9s depending upon welding point temperature and shade set. This setting is ideal for welding at high amperage where there is an afterglow from the weld.

GRIND MODE SELECTION
Select GRIND mode by pressing and holding the "GRIND" button for 2 seconds and releasing, on the right side of the goggles. Icon 9 will display when GRIND mode is active. An orange light on the inside of the goggles will also start to flash.
Note: Do not weld in the GRIND mode, the goggles will not darken.

CUT MODE SELECTION
Press the MODE button to cycle to the CUT MODE. Icon 8 will display when CUT mode is active.
To change the shade in CUT MODE, press the SHADE button once and Icon 7 will start flashing. Once Icon 7 is flashing, press the SHADE button again to cycle through the different shades (5-8).
Note: Do not weld in the cutting mode.

Includes

- UNIMIG Welding Goggle & Mask
- UNIMIG ROGUE™ Welding Hood
- 2 x Spare Outer Lens
- 1 x Spare Inner Lens
- Elastic Headband
- LED Headlight
- Goggles Carry Bag

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Specific Features


Right View


Left View


Front View


Light


Contents


Goggle Bag



Vision Comparison

Recommended Accessories

W1523
Elipse® P3 R D Nuisance Odour Respirator - Half-Mask



W001
Auto Darken Welding Helmet - 9~13 Shade



W002
Auto Darken Welding Helmet - 9~13 Shade



W225
Welding Curtain

