UNIMIG



PROFESSIONAL SERIES
WELDING HELMET

 # U21025

Features

1/1/1/1 Classification

Superior optical clarity with a 1/1/1/1 classification. Get an Auto-Darkening Filter (ADF) that's scored top marks across the board for a crystal-clear view of your weld at every angle.

Auto Shade Select

Take the guesswork out of your protection. The auto shade select technology instantly detects the arc and decides what shade you need to keep your eyes safe for every kind of welding.

102.5x102.5mm View Size

Unmatched visibility in every situation. The 102.5x102.5mm viewing area lets you see every weld with complete clarity.

3.0 Light State

Get a clear view before and after the weld, as well as during. With a 3.0 light state, you'll be able to see your workpiece as well with the helmet on as with it off.

External Grind Button

Seamlessly switch to grind mode with the click of a button. When the helmet is in grind mode a small LED will illuminate, so you don't need to take the helmet off to check.

5 Arc Sensors

Detect every arc instantly. The four optimally positioned arc sensors, coupled with an arc intensity sensor, trigger the Auto-Darkening Filter. Experience unparalleled eye protection right from the start of every weld, even when you're out of position.

Backup Battery

2 x CR2450 backup batteries improve the performance and reliability of the auto-darkening filter.

4 Point Harness

Get the perfect fit and stay comfortable for hours. Adjust all 4 points of contact to suit you, and have the weight spread more evenly, minimising neck strain.



Specifications

Technical Data

Parameter	Values
Filter Dimensions	114x133x9.5mm
View Size	102.5x102.5mm
Arc Sensors	4 Arc Sensors, 1 Arc Intensity Sensor
Classification	1/1/1/1
Light State	3
Dark State	5-13
UV/IR Protection	DIN15
Time from Light to Dark	0.04ms
Time from Dark to Light	0.1-0.9s
Sensitivity Delay	Adjustable (1-5 for low-high)
Power Supply	Solar Cells & 2 x CR2450 Replaceable Battery
Warranty	3 Years
Operating Temperature	-10˚C to 65˚C
Storage Temperature	-20˚C to 85˚C
Shade Control	Yes
Grind Mode	Yes (External)
Minimum TIG Amperage	2A
Standards	AS/NZS 1337.1 B (High Impact) AS/NZS 1338.1 (Auto-Darkening)

Replaceable Parts

Part	SKU
Trade Series Welding Helmet Lens Kit	U21022
4 Point Harness	U21024
4 Point Harness Sweatband & Back Pad	U21025
Magnification Lens	U21010 - 1.5x Magnification Lens U21011 - 2.0x Magnification Lens U21012 - 2.5x Magnification Lens