

UNIMIG



TRADE SERIES **WELDING HELMET**

RANGE OVERVIEW



Trade Series Welding Helmet - Black

U21020



Trade Series Welding Helmet - Carnage

U21021



Trade Series Welding Helmet - Dragon

U21027

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.

Memory States

Store up to three of your most frequently used shade settings with the memory state buttons and have your helmet ready to go in an instant.

100x83.4mm View Size

Superior visibility in every situation. The 100x83.4mm viewing area lets you see every weld with complete clarity.

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.

4 Arc Sensors

Detect every arc instantly. The four optimally positioned arc sensors trigger the lens, darkening it and keeping your eyes shielded from the start, even when you're out of position.

Backup Battery

A CR2450 backup battery improves 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	100x83.4mm
Arc Sensors	4
Classification	1/1/1/1
Light State	4
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 & 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	3A
Standards	AS/NZS 1337:1 B (High Impact) AS/NZS 1338.1 (Auto-Darkening)

Replaceable Parts

Part	SKU
Trade Series Welding Helmet Lens Kit	U21023
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