2. Features

98x48mm View Size

Get clear visibility in every situation. The 98x48mm 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.

9-13 Shade Control

Keep your eyes protected no matter the weld type. With a 9 to 13 shade range, you'll be covered while MIG, TIG or STICK welding, even when running as high as 500A.

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.

EliteVision Lens Technology

See your weld clearly in true colour. EliteVision technology allows more colours from the spectrum to pass through the view, giving you better optical clarity and reducing eye fatigue.

3. Specifications

3.1 Technical Data

Parameter	Values
Filter Dimensions	110x90x10mm
View Size	98x48mm
Arc Sensors	4
Classification	1/1/1/2
Light State	4
Dark State	9-13
UV/IR Protection	DIN15
Time from Light to Dark	0.1ms
Time from Dark to Light	0.1-0.8s
Sensitivity Delay	Adjustable
Power Supply	Solar Cells & CR2450 Replaceable Battery
Warranty	3 Years
Operating Temperature	-5˚C to 55˚C
Storage Temperature	-20˚C to 55˚C
Shade Control	Yes
Grind Mode	Yes (External)
Minimum TIG Amperage	10A
Standards	AS/NZS 1337.1 B (High Impact) AS/NZS 1338.1 (Auto-Darkening)

3.2 Replaceable Parts

Part	SKU
Core Series Welding Helmet Lens Kit	U21037
4 Point Harness	U21035
4 Point Harness Sweatband & Back Pad	U21036
Magnification Lens	U21010 - 1.5x Magnification Lens U21011 - 2.0x Magnification Lens U21012 - 2.5x Magnification Lens