
ULTRA HDV WELDING HELMET

P/N: 305000

**High Definition View -
provides a clear detailed
view at any angle with
minimal distortion.**

- ClearLight™ 2.0 lens technology.
- Suits Stick, MIG, TIG and Plasma Cutting.
- Large integrated grind shield.



**3 YEAR
WARRANTY**

Designed to withstand industrial environments, Miller helmets come with a 3 year warranty (Auto-Darkening lens only).

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PACKAGE INCLUDES

Ultra HDV helmet assembly	Spare HDV front cover lens (x2)	Spare HDV grind shield (x2)	Cover bag
Spare cover lens inside (x2)	Tear away grind shield (x2)	Helmet owner manual	

APPLICATIONS

Stick	MIG	TIG	Plasma Cutting
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PRODUCT SPECIFICATIONS

Viewing Area	Cartridge Size	Modes	X-Mode	Grind Mode	Cut	Weld
97 x 60mm	114 x 120 x 9.5mm	X-Mode Weld Cut Grind	Shade 8 - 12.5	Shade 2.5	Shades 5 - 8	Shades 8 - 12.5

Switching Speed (light to dark)	Delay Speed (dark to light)	Arc Sensors	Optical Grade	Weight	Power	On/Off Control	Operating Temperature
1/25,000sec	0.1 - 1.0sec	4	EN379 1/1/1/2	709g	CR2450 lithium battery and solar assist	Automatic on, off after 45 minutes	-10 to 55°C

PARTS AND ACCESSORIES

Replaceable battery	217043P2	Cover lens inside	216327
Magnifying lens 1.5x	212238P	Tear away grind shield	258853
Magnifying lens 2.0x	212240P	Headgear	260486
Magnifying lens 2.5x	212242P	Headband fabric	770249
HDV front cover lens	305004	Adjustment angle / stop kit	265891
HDV grind shield	305007		

STANDARDS

AS/NZS 1338.1 (Auto-Darkening)

AS/NZS 1337.1 B (High Impact)

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EXCLUSIVE MILLER HIGH DEFINITION VIEW (HDV) LENS TECHNOLOGY

Keeps the refractive power of the grind lens and outside cover lens constant, providing users a peripheral view with minimal distortion.

LIGHTWEIGHT, WELL BALANCED DESIGN

Reduces neck torque, minimising operator fatigue and strain leading to an increase in short-term comfort as well as long-term health benefits.

ERGONOMIC, FOUR POINT FLEXIBLE HEADGEAR DESIGN

Provides a secure fit, while avoiding major pressure points within the head, maximising all-day wear. Welders can custom fit the helmet with seamless tilt, distance and tightness adjustments.

HELMET LOCKS IN UPRIGHT POSITION

Toggle springs assist easy flip up, and holds the outside shield in an upright position for non welding tasks. The internal grind lens provides high impact protection.

AUSTRALIAN STANDARDS

The lens and helmet comply with Australian Standards AS/NZS 1338.1 (Auto-Darkening) and AS/NZS 1337.1 B (High Impact).

LENS FEATURES

- X-Mode™ senses the arc's electromagnetic field rather than brightness to darken the lens - ideal for outdoor, low-amp TIG and obstructed view applications.
- InfoTrack™ 2.0 technology provides memory, arc time and arc count functions that allows the weld operator to store favourite settings, keep track of weld time and arc starts.
- Half shade settings for precise lens adjustment.
- Simple digital lens interface allows for easy adjustment with or without gloves.



HIGH QUALITY AND FULLY ADJUSTABLE HEADGEAR

Pivoting, oversized back pad and multiple head straps secure helmet in downward applications, eliminating over-tightening and discomfort.



LARGE INTEGRATED GRIND SHIELD

Provides 174 x 126 mm of clear viewing area for grinding and other tasks, increasing helmet-on time, decreasing the potential for eye injuries.



EXCLUSIVE MILLER CLEARLIGHT™ 2.0 LENS TECHNOLOGY

Provides advanced high definition optics for the most realistic view that's clearer and brighter - before, during and after every weld.