

Digital Elite™ Series with Clearlight™ Lens Technology

Part No: Black - MHEL281000, Raptor - MHEL281007, Inferno - MHELGRAPDIGI
 Lucky's Speed Shop - MHELGRAPDIGLS, Starts & Stripes - MHELGRAPDIGSS,
 Vintage Roadster - MHELGRAPDIGVR



BLACK

RAPTOR

INFERNO

LUCKY'S SPEED SHOP

VINTAGE ROADSTER

STARS & STRIPES

CLEARLIGHT™ LENS TECHNOLOGY

High-definition optics for precision arc recognition. Engineered to complement the colours emitted from the welding arc for enhanced clarity and natural colour — so that you can see more detail.

AUSTRALIAN & NEW ZEALAND STANDARDS

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Tested in Australia, the lens and helmet comply with Australian and New Zealand Standards AS/NZS 1338.1 (Auto-Darkening) and AS/NZS 1337.1 B (High Impact).

SUITS A WIDE RANGE OF WELDING PROCESSES

MIG, Stick, TIG, Flux Cored and Pulse.



IMPROVED DIGITAL CONTROLS

Allows the user to easily adjust mode, shade, delay and sensitivity.

LIGHTWEIGHT

At only 510g, the helmet can be worn for long periods, keeping operator fatigue to a minimum.

BATTERY POWERED WITH SOLAR ASSIST

Two replaceable lithium batteries, with solar assist, deliver up to 3000 hours of use.



LIGHTWEIGHT HEADGEAR

The lightweight headgear has multiple settings to achieve the best fit and comfort.

FOUR INDEPENDENT ARC SENSORS

Provide continuous arc sensing for the most demanding applications plus superior lens response.

MAGNIFYING LENS COMPATIBLE

Add a magnifying lens if required.

*Magnifying lens not included.

3 YEAR

3 YEAR WARRANTY

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

BONUS ACCESSORIES INCLUDED:

- 5 outside cover lenses.
- 2 inside cover lenses.
- Helmet bag.

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WHAT IS X-MODE?

Sensors are normally triggered by the light when you strike an arc. In X-Mode, the sensors are triggered by the electromagnetic field that is created when you start a weld. X-Mode overcomes instances where obstructions block a sensor when welding out-of-position. Even when there is an obstruction, the sensor will still trigger because of the electromagnetic field. For outside work, X-Mode will stop the lens constantly lightening and darkening because of the light triggering the sensors. The sensors will only trigger the lens to darken when you start to weld.

PRODUCT SPECIFICATIONS

Viewing Area	97 x 60mm
Operating Modes	4 Modes: Weld, Cut, Grind, X-Mode
Arc Sensors	4 Independent Sensors Plus X-Mode
Variable Shades	8-13
Light State	3 (All Modes)
Grind Mode	Shade 4
Cut Mode	Shade 5-9
X-Mode	Shade 8-13*
TIG Rating	5 Amps and Below
Power	Replaceable Lithium Battery up to 3000 Hours
Switching Speed (Light - Dark)	1/25,000 Sec
Delay Speed (Dark - Light)	0.10-1.0 Sec
On/Off Control	Automatic
Magnifying Lens Holder	Yes
Weight	510g
Warranty	3 Years (Auto-Darkening Lens Only)
Recommended Continuous Operation	Up to 300 Amps**

*X-Mode eliminates sunlight interference, intermittent sensing (pipe), low Amperage lens openings (TIG) and obstructed sensors.

**Amperage ratings may vary for processes involving aluminium and stainless steel.

STANDARDS

AS/NZS 1338.1 (Auto-Darkening)
 AS/NZS 1337.1 B (High Impact)
 ANSI Z87.1-2003 (High Impact)
 DIN/TUV/CSA

DIGITAL LENS TECHNOLOGY

WELD	Suits MIG, Stick, TIG, Flux Cored and Pulse welding processes. Shades 8-13.
CUT	Suits Plasma, Laser, Gas welding and cutting applications. Shades 5-9.
GRIND	Suits weld preparation and clean-up. Fixed shade 4.
X-MODE	Electromagnetic arc sensing technology eliminates sunlight interference, intermittent sensing (pipe), low Amperage lens openings (TIG) & obstructed sensors. Shades 8-13.

PARTS AND ACCESSORIES

Fabric Headband	MHBAND770249
Headgear (New Style)	MHGEAR256174
Headgear (Old Style)	MHGEAR770246
Cr-2450 Battery (Pair)	BATCR2450
Front Lens Gasket	MLENS216337
Lens Gasket	MLENS234758
Front Cover Lens (5 Pk)	MLENS216326
Inside Lens (5 Pk)	MLENS216327
Magnifying Diopter Lens 1.0	HLENSMAG10
Magnifying Diopter Lens 1.5	HLENSMAG15
Magnifying Diopter Lens 2.0	HLENSMAG20
Magnifying Diopter Lens 2.5	HLENSMAG25