Digital Infinity™ Series

Part No: Black - 271329, Departed™ - 271332

Huge Viewing Area
FOR HEAVY INDUSTRIAL APPLICATIONS
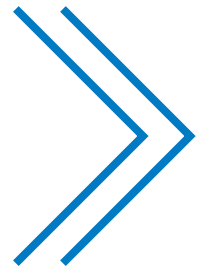
BLACK

DEPARTED™

NEW RELEASE

AUSTRALIAN STANDARDS

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

HUGE VIEWING AREA
The huge 112 x 78mm viewing area with wide screen format provides an unsurpassed view and eliminates tunnel vision.

REDESIGNED HEADGEAR
Extensive adjustability for the best fit and enhanced support.

FOUR OPERATING MODES
Weld, cut, grind and X-mode provide ultimate versatility.

FOUR INDEPENDENT ARC SENSORS
Provide continuous arc sensing for the most demanding applications plus superior lens response.

DIGITAL CONTROLS
Intuitive design and large push buttons allows the user to easily adjust mode and settings.

INFOTRACK™ TECHNOLOGY
Exclusive arc tracking technology includes a digital clock and alarm, making it possible to track welding time, and features a multi-language help menu.

SUITS A WIDE RANGE OF PROCESSES
MIG, Stick, TIG, Flux Cored and Pulse.

AUTO LENS CONTROL SYSTEM
Application Specific Integrated Circuit (ASIC) technology provides:

> Low current consumption – longer battery life.

> Increased durability against electro static discharge (ESD) and electro magnetic interference (EMI).

> Less electronic components therefore increased reliability.

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.

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	112 x 78mm
Operating Modes	4 Modes: Weld, Cut, Grind, X-Mode
Arc Sensors	4 Independent Sensors Plus X-Mode
Light State	Shade 4 (All Modes)
Grind Mode	Shade 4
Cut Mode	Shade 5-9
X-Mode and Weld	Shade 9-13
TIG Rating	5 Amps and Below
Power	Replaceable Lithium Battery up to 3000 Hours
Switching Speed (Light - Dark)	1/20,000 Sec
Delay Speed (Dark - Light)	0.10-1.0 Sec
On/Off Control	Automatic
Magnifying Lens Holder	Yes
Weight	650g
Warranty	3 Years (Auto-Darkening Lens Only)
Recommended Continuous Operation	Up to 300 Amps**

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 9-13.
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 9-13.

PARTS AND ACCESSORIES

Replacement Lithium Battery (X2)	217043
Outside Lens Cover (5 Pk)	271320P
Inside Lens Cover (5 Pk)	271319P
Headgear	271325
Top Snap-On Headgear Cushion	271326
Adjustment Angle/Stop Kit	256178*
Headband, Fabric	770249
Headgear Cushion, Top	271326
Battery Tray (Left & Right)	271327
Helmet Carry Bag With Miller Logo	770250
Magnification Lens Adapter	271328
1.50 Magnification Lens	212238
2.00 Magnification Lens	212240
2.50 Magnification Lens	212242

*Adjustment Hardware Kit with O-rings

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

WIA **Trusted by the best** Miller HOBART welding.com.au 1300 300 884