Auckland: (09) 2717 234
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Product Brochure For W003

Auto Darken Welding Helmet - 5~8 / 9~13 Shade - PROMAX 500

Suits Mig, Tig, Arc, Plasma, Oxy-Gas & Includes Grinding Function
Includes Enhanced Colour Recognition



ORDER CODE:	W003
MODEL:	PROMAX 500
Viewing Area (mm):	98 x 87
Cartridge Size (mm):	~
Arc Sensors (No.):	4
Light State:	~
Shade:	Dual range 5 ~ 8 / 9 ~ 13
Shade Control:	Internal Variable Shade
Power On/off:	Fully Automatic
Sensitivity Control:	Adjustable Dial, Low ~ High
UV/IR Protection:	~
Helmet Power Supply:	Solar Cell, Battery Change & Required (1 x CR2450 & lithium battery)
Respirator Power Supply:	~
Switching Time Light To Dark:	1/30,000 (0.00003) sec
Delay Time Dark To Light (Seconds) (sec):	0.1 ~ 1.0
TIG Rated Minimum (amp):	5
Grinding Function (Yes / No):	Yes - ON/Off Switch
Inactive Shade (Grind/Off):	Shade 4
Operating Temperature:	-5ºC ~ +55ºC
Storing Temperature:	-10ºC ~ +65ºC
Helmet Material:	High Impact Nylon
Application Range:	Stick, Mig, Tig, Arc Welding, & Grinding, Plasma, & Oxy Cutting & Brazing
Standard:	Lens: AS/NZS1338.1, & EN379, ANSI Z87.1, & CSA Z94.3 & Shell: AS/NZS1337.1 & High Impact EN 175 B, & ANSI Z87.1, CSA Z94.3
Total Weight (grams):	560

Description

The auto-darkening welding helmet with Super Size Viewing area, a leading 7-year warranty offer & more value than you can poke a MIG, TIG or Stick at! PROMAX 500 stand-out features include; Massive 98x87mm Viewing area, 4 sensors for reliable switching, Dual Shade 5-8/9-13, Sensitivity & Delay Adjustments, Grind-Mode switch, Replaceable Battery, Magnification Lens Holder & more. Comfortable, lightweight & superior optics.

Features

- KEY FEATURES:
- 7-year Warranty*
- Super-Size 85cm2 Viewing Area: 98 x 87mm, with Ultra-Clear 1/1/1/1 rated optics
- Dual Shade Range 5-8 / 9-13 plus grind mode to cover a wide range of welding processes
- 4 Arc Sensors for reliable arc detection & switching
- Light weight, Comfortable & Easy to use (weighs 560g)

- APPLICATION INFO:
- MIG welding
- Stick welding
- TIG welding down to 5 amps
- Grinding
- Plasma Cutting
- Air-Arc Gouging

- FUNCTIONS:
- Welding mode: Variable shade 5-8 / 9-13
- Delay: Adjustable 0.1-1.0s (switching time from dark back to light after welding arc stops)
- Sensitivity: Adjustable low-high
- Grind mode: Locks lens to light mode (shade 4)

- OTHER FEATURES:
- High-Impact tested and compliant to Australian standard AS/NZS 1337.1
  Auto-darkening lens complies with AS/NZS 1338.1

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- 'Hinge & Lock' Lens Retainer System = Easy cover lens replacement, Seals tightly against spatter to prevent damage to electronic lens
- Magnification lens holder - takes standard magnification lenses
- Reliable Power Source: Replaceable battery plus solar assist, efficient electronics for low power consumption
- 'Full Laminate' Lens Construction: Each layer in the electronic lens assembly is firmly laminated for superior optical quality and long service life. This is in contrast to cheaper lenses which are simply glued on the edge and, over time, are prone to contamination and failure.
- Lightweight, Durable and Shock Resistant shell
- Auto-on & Auto-off = No buttons to press, Hassle-Free operation

- *Standard warranty 2 years, with extended 7 year warranty available with registration after purchase (on auto darkening lens/cassette)

Includes

- 1 x Cover Lens - Inner 115 x 92mm
- 1 x Cover Lens – Outer 137 x 117mm

Specific Features


Front View



Side View


Top View


Rear Side View


Head Brace Tightening Dial



Sensor Controls



Front View Area


Spare Lens



Helmet Bag

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Recommended Accessories

W003A
PROMAX 500 Inside Lens Cover - suits Welding Helmet



W003B
PROMAX 500 Outside Lens Cover - suits Welding Helmet

