



PART NO.  
TT811500

TT500

# TT500

## ELECTRONIC WELDING HELMET

The Trade Tested, TT500 is a premium quality, Ultra Large view, fixed front, electronic welding helmet with a superior variable shade, high definition true color lens. This versatile Australian and New Zealand Standards compliant, industrial grade helmet is suitable for a wide range of general welding industry applications.



Dual Range



True Colour  
High Definition



Solar & Battery



4 Sensors



Impact Rated



Low Output  
Rated



Certified Product  
AS/NZS  
Compliant



Magnifying  
Capable



98 x 82  
Wide View



Fixed Front



Premium  
Harness



2  
YEAR  
Warranty

- **Versatile, Fixed Front Design** for a wide range of Welding, Plasma Cutting, Gouging applications including low output GTAW (TIG)
- **True Color, High Definition Premium Optics with a Large Viewing Area** for superior visibility to get the job done
- **Premium Head Harness** for superior comfort and a tailored fit
- **Fully Adjustable, Variable Shade, Dual Range 9-13, 5-9 and Grind mode** with sensitivity and delay for personal optimization
- **Dependable, Solar cell with dual replaceable battery backup** for guaranteed optimum performance that won't let you down
- **4 Sensors** for reliable arc detection and switching even with low welding outputs
- **Magnification Lens Holder** for magnifying lenses to increase visibility

- **Australian / New Zealand Standards Compliant:**  
AS/NZS 1338.1 (Eye Protection);  
AS/NZS 1337.1 (High Impact Face Protection)  
for superior safety and protection
- **2 Year Industrial Warranty** for piece of mind



**HIGH DEFINITION  
TRUE COLOUR  
TECHNOLOGY**

### AUSTRALIAN / NEW ZEALAND STANDARDS COMPLIANCE

|                               |               |
|-------------------------------|---------------|
| Eye Protection                | AS/NZS 1338.1 |
| Face Protection (High Impact) | AS/NZS 1337.1 |

### ORDERING INFORMATION

|          |   |
|----------|---|
| TT811500 | Trade Tested TT500<br>Electronic Welding Helmet |
|----------|---|

## HELMET FEATURES

Fixed Front Design

Superior True Colour, High Definition Premium Optics with Large Viewing Area

4 Sensors

Solar and Replaceable Battery Backup

Premium Head Harness for Superior Comfort and a Tailored To Fit

Certified AS/NZS 1338.1 & AS/NZS 1337.1

TIG Optimised down to 5 Amps



## LENS CONTROL

Magnifying Lens Holder

Variable Shade

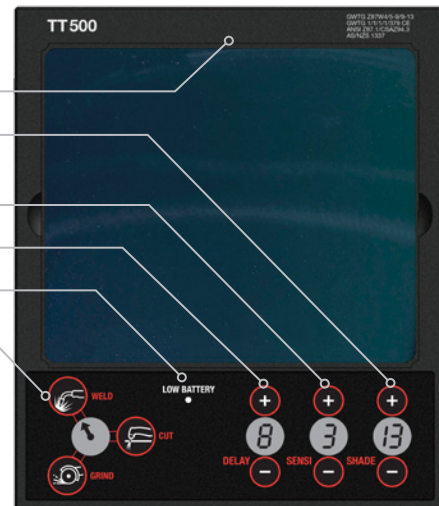
Dual Ranges 9-13 / 5-9

Adjustable Sensitivity

Low Battery Light

Adjustable Delay Time

Grind, Weld & Plasma Cutting Modes



### TECHNICAL SPECIFICATIONS

#### Trade Tested TT 500

|  |                                |
|--|--------------------------------|
| Lift Front or Fixed                        | Fixed                          |
| Dual Range Variable Shade: 9-13 / 5-9      | Yes                            |
| Solar and Replaceable Battery Backup       | Yes                            |
| Premium Head Harness                       | Yes                            |
| MMAW (Stick)                               | Yes                            |
| GMAW (MIG/MAG)                             | Yes                            |
| GTAW (Over 5 Amps)                         | Yes                            |
| Plasma Cutting & Gouging                   | Yes                            |
| Viewing Area - Welding                     | 98 mm x 82 mm                  |
| Viewing Area - Grinding                    | 98 mm x 82 mm                  |
| True Color, High Definition Premium Optics | Yes                            |
| Rated for use with Grinders & Power Tools  | Yes                            |
| Number of Sensors for Arc Detection        | 4                              |
| Switching Time                             | 1/25,000 s. from light to dark |
| Arc Hrs.                                   | 1,500 to 2,200                 |
| Adjustable Sensitivity                     | Yes                            |
| Adjustable Delay Time                      | Yes                            |

### TECHNICAL SPECIFICATIONS

#### Trade Tested TT 500

|                        |                              |
|------------------------|------------------------------|
| Classification         | 1/1/1/1                      |
| Magnifying Lens Holder | Yes                          |
| AS/NZS Compliance      | AS/NZS 1338.1; AS/NZS 1337.1 |
| Auto On                | Yes                          |
| Warranty               | 2 Years                      |

### REPLACEMENT PARTS

### PART NUMBER

|  |           |
|--|-----------|
| Lens Inner TT 500  | TT8005007 |
| Lens Outer TT 500  | TT8005008 |
| Sweat Band TT 250, TT 350, TT 500                                | TT8005001 |
| Head Gear Assembly (including Sweat Band) TT 250, TT 350, TT 500 | TT8003001 |
| Neck Guard Option  | TT8005009 |
| ADF Retainer TT 500  | TT8005015 |
| TT Helmet Bag  | TT8005016 |