

## Product Brochure For W008

### Auto Darken Welding Helmet - TEC-I

9-13 Shade



**TECMEN**®



#### Features

- Suitable for MIG, TIG, Plasma & Arc welders
- Adjustable shade from 9 to 13
- Viewing area 97 x 43mm
- Automatic activation in 1/10,000 second
- High/low sensitivity & slow /fast delay switch
- Protects from UV and IR radiation
- Light weight high impact resistance nylon
- Includes 1 x additional lens cover & sweatband
- AS/NZS 1338.1.1992

ORDER CODE:	W008
MODEL:	TEC-I
Viewing Area (mm):	97 x 43
Cartridge Size (mm):	110 x 90 x 9
Arc Sensors (No.):	2
Light State:	DIN 4
Shade:	9 ~ 13
Shade Control:	External, Variable Shade
Power On/off:	Fully Automatic
Sensitivity Control:	High / Low Switch
UV/IR Protection:	UpDIN 16
Helmet Power Supply:	Solar Cell, No Battery & Change Required
Respirator Power Supply:	~
Switching Time Light To Dark:	1/10,000 seconds
Delay Time Dark To Light (Seconds) (sec):	0.25-0.45 Fast & 0.65-0.80 Slow
TIG Rated Minimum (amp):	10
Grinding Function (Yes / No):	No
Inactive Shade (Grind/Off):	~
Operating Temperature:	-5°C ~ 55°C
Storing Temperature:	-20°C ~ 70°C
Helmet Material:	High Impact & Resistant Nylon
Application Range:	Mig, Tig, Arc, Plasma
Standard:	AS/NZS 1338.1.1992
Total Weight (grams):	435

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## SHADE GUIDE TABLE

Welding Process	ARC CURRENT (Amperes)												
	0.5	2.5	10	20	40	80	125	175	225	275	350	450	
	1	5	15	30	60	100	150	200	250	300	400	500	
<b>SMAW</b>					9	10	11	12	13	14			
<b>MIG (heavy)</b>							10	11	12	13	14		
<b>MIG (light)</b>							10	11	12	13	14	15	
<b>TIG, GTAW</b>			9	10	11	12	13	14					
<b>MAG/CO<sub>2</sub></b>						10	11	12	13	14	15		
<b>SAW</b>							10	11	12	13	14	15	
<b>PAC</b>							11	12	13				
<b>PAW</b>			8	9	10	11	12	13	14	15			

**NOTE:**  
 SMAW - Shielded Metal Arc Welding  
 TIG, GTAW - Gas Tungsten Arc Welding  
 PAC - Plasma Arc Cutting  
 SAW - Shielded Semi-Automatic Arc Welding  
 MIG (Heavy) - MIG on Heavy Metals  
 PAW - Plasma Arc Welding  
 MAG/CO<sub>2</sub> - Metal Active Gas  
 MIG (Light) - MIG on Light Alloys

### Specific Features



Front View



Top View



Side View



Head Band Adjustment

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Rear View



Sensitivity and Delay Switches



Adjustable Shade Dial



Includes additional Lens Cover and Sweatband

**Recommended Accessories**

**W001**

Auto Darken Welding Helmet -  
9-13 Shade



**W002**

Auto Darken Welding Helmet -  
9-13 Shade

