

Product Brochure For W010

## Auto Darken Welding Helmet - 9~13 Shade - TEC-II

Suits Mig, Tig, Arc, Plasma & Grinding

Includes Grinding Function



**TECMEN**®



ORDER CODE:	W010
MODEL:	TEC-II
Viewing Area (mm):	95 x 47
Cartridge Size (mm):	110 x 90 x 9
Arc Sensors (No.):	2
Light State:	DIN 3.5
Shade:	9 ~ 13
Shade Control:	External Variable Shade
Power On/off:	Fully Automatic
Sensitivity Control:	Adjustable Dial Knob
UV/IR Protection:	UpDIN 16
Helmet Power Supply:	Solar Cell, No Battery & Change Required
Respirator Power Supply:	~
Switching Time Light To Dark:	1/25,000 seconds
Delay Time Dark To Light (Seconds) (sec):	0.1 ~ 1.0 (via Dial)
TIG Rated Minimum (amp):	5
Grinding Function (Yes / No):	YES
Inactive Shade (Grind/Off):	~
Operating Temperature:	-10°C ~ 55°C
Storing Temperature:	-20°C ~ 70°C
Helmet Material:	High Impact & Resistant Nylon
Application Range:	Stick, Mig, Tig, Arc Welding, & Plasma & Grinding
Standard:	AS/NZS 1338.1.1992
Total Weight (grams):	430

### Features

- Suitable for MIG, TIG, Plasma, Arc welders & Grinding
- Adjustable shade from 9 to 13 with grinding function
- Viewing area 95 x 47mm
- Automatic activation in 1/25,000 second
- Solar powered with 2 arc sensors, no batteries change required
- Adjustable sensitivity dial
- Adjustable delay time dial
- Protects from UV and IR radiation
- Light weight high impact resistance nylon
- AS/NZS 1338.1.1992

### Includes

- Includes 1 x additional lens cover & sweatband

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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



Left View



Head Band Adjustment



Head Adjustment Setting

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Adjustable Shade Dial with Grinding Function



Sensitivity & Delay Dials



Rear View



Includes additional Lens Cover & Sweatband

**Recommended Accessories**

W001

Auto Darken Welding Helmet -  
 9-13 Shade



W002

Auto Darken Welding Helmet -  
 9-13 Shade



W225

Welding Curtain

