

Product Brochure For W009

Auto Darken Welding Helmet - TEC-1G

9-13 Shade

Includes Grinding Function



TECMEN[®]



Features

- Suitable for Stick, MIG, TIG Welders, Plasma Cutters & Grinding
- Adjustable shade from 9 to 13 with grinding function
- Viewing area 98 x 44mm
- Automatic activation in 1/16,000 second
- High/low sensitivity & slow /fast delay switch
- 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

ORDER CODE:	W009
MODEL:	TEC-1G
Viewing Area (mm):	98 x 44
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:	High / Low Switch
UV/IR Protection:	Up to DIN16 at all times
Helmet Power Supply:	Solar Cell, No Battery & Change Required
Respirator Power Supply:	~
Switching Time Light To Dark:	1/16,000 seconds
Delay Time Dark To Light (Seconds):	0.25 ~ 0.30 Fast & 0.65 ~ 0.80 Slow
TIG Rated Minimum (amp):	10
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):	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	
SMAW					9	10	11	12	13	14			
MIG (heavy)							10	11	12	13	14		
MIG (light)							10	11	12	13	14	15	
TIG, GTAW			9	10	11	12	13	14					
MAG/CO₂						10	11	12	13	14	15		
SAW							10	11	12	13	14	15	
PAC							11	12	13				
PAW			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/CO₂ - Metal Active Gas
 MIG (Light) - MIG on Light Alloys

Specific Features



Front View



Left View



Side View



Top View

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Rear View



Angle Adjustment



Adjustable Shade Dial with Grind Mode



Sensitivity and Delay Switches



Includes additional Lens Cover and Sweatband

Recommended Accessories

W001

Auto Darken Welding Helmet -
9~13 Shade



W002

Auto Darken Welding Helmet -
9~13 Shade

