

TECMEN[®]

Auto Darkening Welding Helmet



Product Model
TM15-ADF730S IWELD

1 / 1 / 1 / 1

Superior optical class
Clear view

1/25,000 sec.

Fast switching speed

Save-power Function

Solar cell
Battery replaceable
Greatly increase service life

External Control

External knob control
Easy operation
Improve work efficiency

High Impact Resistance Nylon

Light weight
Pass high-impact highest level
"B" test



Impact Resistance



DIN 3.5



Large View



UV/IR Protection



Solar Cell



Anti-fatigue



Fast Switching
Speed



Variable Shade



Two adjustable straps fit your head well.

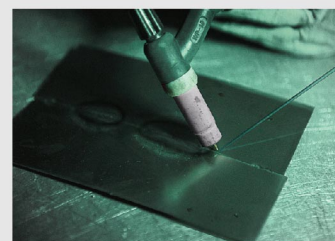
Soft pad on back side of headgear which will be more comfortable.

Comfortable and safe fire-proofing soft sweatband.

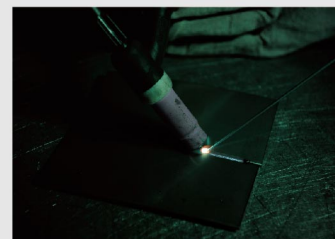
5 point adjustable, offering better vision effect and protection.

Press-rotating knob design, the overall circumference of the headgear can be adjusted by rotating the knob.

Adjust the distance between helmet and face.



Before Welding



During Welding

Welding Method	Stick Welding (SMAW)	TIG DC&AC	TIG Pulse DC	TIG Pulse AC	MIG/MAG/CO2	MIG/MAG Pulse	Plasma Arc Cutting (PAC)	Plasma Arc Welding (PAW)	Air Carbon Arc Cutting (CAC-A)	Oxyfuel Gas Welding (OFW)	Oxygen Cutting (OC)	Grinding
Model No.												
ADF730S iWELD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



ADF730S iWELD

- External Grind / Shade Control
- External Sensitivity / Delay Time Control
- Low Battery Indicator
- Battery Capacity Test
- Battery Replaceable

Specification	ADF730S iWELD
Optical Class	1 / 1 / 1 / 1
Viewing Area	95 x 62 mm (3.74" x 2.44")
Cartridge Size	110 x 90 x 9 mm (4.33" x 3.54" x 0.35")
Arc Sensor	4
Light State	DIN 3.5
Dark State	Variable Shade 5 ~ 8 / 9 ~ 13
Shade Control	External, Variable Shade
Power On/Off	Automatic On / Off
Sensitivity Control	Low ~ High, by infinitely dial knob
UV/IR Protection	Up to Shade DIN16 at all times
Power Supply	Solar cell. Battery replaceable, 1 x CR2450 lithium battery
Switching Time	1/25,000 s. from Light to Dark
Dark to Light	0.1 ~ 1.0 s by infinitely dial knob
Low Amperage TIG Rated	≥ 2 amps (DC); ≥ 2 amps (AC)
Grinding	Yes
Battery Capacity Test	Yes
Operating Temp.	-10 °C ~ +55 °C (14 °F ~ 131 °F)
Storing Temp.	-20 °C ~ +70 °C (-4 °F ~ 158 °F)
Helmet Material	High Impact Resistance Nylon
Approved	    