

# Auto Darkening Welding Helmet with Large Viewing Screen

This auto darkening welding helmet features a large viewing screen for enhanced visibility during welding operations. The helmet is constructed from durable and lightweight PP resin, and it is equipped with adjustable sensitivity and delay settings for diverse working conditions.



## ADDITIONAL IMAGES

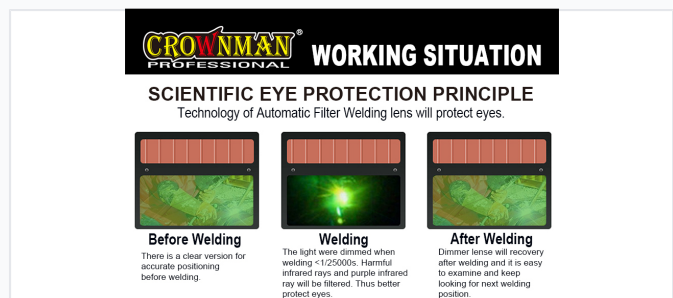
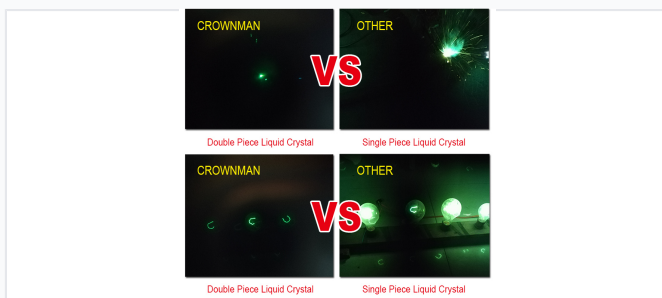


## Overview

### Professional Auto-Darkening Protection

This high-performance welding helmet is constructed from new PP resin, offering a lightweight yet durable solution for industrial environments. Featuring a dual-layer liquid crystal display and a large viewing area, it provides consistent shading and superior eye protection. With rapid switching speeds and integrated solar charging, it is designed for long-term reliability across automotive, construction, and metal fabrication sectors.

## Optical Performance



### Viewing Area

<b>98 mm</b> Width	<b>43 mm</b> Height
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<b>Darkening Response Time</b>	1/5000s to 1/25000s
<b>Variable Shade Range</b>	4/9-13 DB
<b>Lens Configuration</b>	Double-piece Liquid Crystal Dimming Lens

## Technical Features



### Power Source

- Solar Panel Auto-Charging
- Replaceable Li-ion Battery
- Low Power Indicator Light
- Up to 5000 hours working time

### Adjustable Controls

Sensitivity Adjustment, Time-Delay Adjustment, Lightness Adjustment, Lens Dimming Testing

## Construction & Comfort



### Headgear Configuration

- 3mm Breathable/Absorbent Sponge
- Gear-driven size adjustment
- 3cm head clearance for comfort
- Adjustable hoop tightness

### Shell Material Properties

Heat Resistant, Flame Resistance, Anti-fall, Shockproof, Lightweight PP Resin

## Applications & Standards



### Compatible Processes

Electrode • MIG/MAG • TIG • Oxygen Welding • Gas Welding • Cutting

### Recommended Industries

- Automotive & Transportation
- Construction & Mining
- Food & Beverage Manufacturing
- Metal Production & Fabrication
- Military Maintenance & MRO
- Oil & Gas

### Safety Standards

CE, ANSI Z87.1, ANSI Z17.1 COLTS