

# Auto-Darkening Welding Helmet

This auto-darkening welding helmet utilizes electro-optical technology. It holds CE and ANSI Z87.1 certifications.



## Overview

### Professional Auto-Darkening Welding Helmet

This high-definition auto-darkening welding helmet provides essential protection for a wide range of welding applications, including MIG, TIG, and gas welding. Designed with user safety in mind, it features a variable shade range from DIN 9 to DIN 13 and a rapid switching time of 1/25,000 seconds. The helmet is built from durable, fire-resistant PP material and includes an external adjustment knob for seamless control during operation.

## Technical Specifications

### Viewing Area

**92 mm**

Width

**42 mm**

Height

### Switching Time

**0.00004 s**

Light to Dark

**0.7 s**

Dark to Light (Avg)

### Shade Levels

- Light State: DIN 4
- Variable Shade: DIN 9 to DIN 13
- UV/IR Protection: Up to DIN 16

## Design & Construction

Material	Polypropylene (PP)
Weight	0.48 kg
Fire Resistant	Yes

## Compatibility & Applications

Supported Welding Processes	MIG, TIG, Argon Arc, Arc Welding, Gas Welding
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## Power & Controls

Power Source	Solar cells with replaceable lithium batteries
Power Control	Automatic On/Off
Darkness Adjustment	External