

# Auto Darkening Welding Filter

This auto-darkening welding filter is designed to protect the eyes and face from harmful radiation and sparks during welding. The filter automatically darkens upon striking an arc and returns to a light state when welding ceases.



## ADDITIONAL IMAGES



## Overview

### Professional Welding Protection

This high-performance auto-darkening welding filter is engineered to provide superior eye and face protection against harmful radiation and sparks. Featuring a rapid switching time and adjustable shade settings, it ensures optimal visibility and safety across various welding processes. The dual power system, combining lithium batteries with solar energy, ensures consistent reliability in demanding professional environments.

## Technical Specifications

### UV/IR Protection

DIN 16

Cartridge Size	110mm x 90mm x 9mm
View Size	93mm x 43mm
Shade Range	DIN 4 (Light) / DIN 9-13 (Dark)
Switching Time	0.000066 s

## Control & Operation

Shade Adjustment	External Variable
Sensitivity	Infinitely dial knob
Delay Time	0.1s - 1.0s (Infinitely dial)
Modes	Welding, Grinding

## Power & Environment

Power Source	Lithium Battery, Solar
Battery Changeable	Yes
Working Temperature	-20°C to 65°C

## Construction

Arc Sensors	2
Mask Material	PP