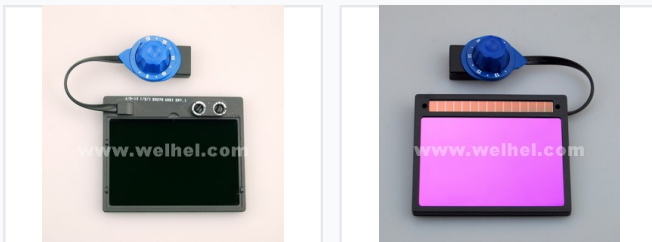


# Auto Darkening Welding Filter Cartridge

This auto darkening welding filter cartridge is designed for welding helmets. It automatically switches from a light state of DIN4 to a dark state of DIN9-13 upon arc detection.



## ADDITIONAL IMAGES



## Product Overview

### Professional Auto-Darkening Filter

This auto-darkening welding filter cartridge is engineered to provide superior eye protection during MIG, TIG, and stick welding operations. Featuring an optical class of 1/1/1/2, it ensures clear visibility and reduced eye strain for professional welders. The unit offers versatile shade control and rapid switching times, powered by a reliable solar and battery hybrid system.

## Optical Performance

Optical Class	1/1/1/2
Light State	DIN 4
Dark State Range	DIN 9-13
UV & IR Protection	Up to shade 15

## Performance Metrics

### Switching Time

**0.00004 s**

Switching Speed

Delay Time	0.15s ~ 0.80s (Stepless)
Sensitivity	Stepless Adjustment
TIG Capability	Yes

## Physical Specifications

Cartridge Dimensions	110 x 90 x 8 mm
Viewing Area	100 x 67 mm
Weight	108 g

## Power & Controls

Power Supply	Solar, Replaceable Li-Mi Battery
Shade Adjustment	Outside & Stepless
Arc Sensors	2

## Compliance

Warranty Period	2 years
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