



AGSEER

Arcane 2" X 4-1/4"
ADF Shade 9/10/11/12

Features

- **Clear View Auto-Darkening Technology**– Reflects infrared light that causes heat build-up, keeping the lens cartridge cooler & allows for a thinner lens which fits in all 2" x 4.25" welding helmets.
- **ULTRALIGHT AND ULTRATHIN** – Within the 2" x 4.25" lenses, this lens has one of the world's fastest dim switching speeds at 1/3000 of a second! Quick reaction times reduce fatigue on a welder's eyes.
- **AMBIENT LIGHT AWARENESS** – The anti-light interference mode prevents flickering in bright environments and adjusts the delay and sensitivity to ambient light.
- **GRADUAL CHANGE DELAY** – Provides a more comfortable gradual transition from dark state to light state to hopefully reduce eye fatigue.
- **CRYSTAL CLEAR BLUE VIEW TECHNOLOGY**
- **EFFICIENT POWER MANAGEMENT** – 3-6 months between battery replacement.
- **1 YEAR WARRANTY** – Against manufacturer defects.

Technical Specifications

- **Cartridge Size:** 50.8 x 107.95 x 4.7625 mm (2 x 4.25 x .1875")
- **Viewing Area:** 96.5 x 34 mm (3.80 x 1.34")
- **Power Supply:** Solar and Lithium battery (2 x CR1025) combination
- **Sensors:** 2, **Light State:** DIN Shade 2.5/3
- **Grind:** Yes, accessible via the "SHADE" button
- **AUTO ON/OFF:** Yes
- **Delay time:** 7 levels ranging from 0.06-1 second, which can be cycled by the "DELAY" button
- **Switch time:** Time required to switch between shades: 0.0003s.
- **TIG capability:** > 10A
- **UV & IR Protection:** Up too shade 16
- **Weight:** 34g
- **Packaging:** Individually packaged
- **Country of origin:** China

Applications

- Designed for use with GMAW, GTAW, MMAW welding, or Plasma Arc cutting/gouging. Auto-Darkening will automatically change from a light state to a dark state when arc welding starts and will automatically returns to a light state when the arc stops. (Fully read user manual and match your welding application to the shade indicated on the shade chart.)
- Manufacturing – Architectural and Structural Metals, Mining, Agricultural, Motor Vehicles, Aerospace, Shipbuilding, and Pipelines
- Construction – Residential, Commercial, Bridges, Dams, Utilities
- Or any other industry where welders may work

Usage Instructions

Before welding

- Check the front cover lens and the front lens frame are securely in place.
- Select the shade level you need for your filter setting by the proper knob and the shade switch.
- Adjust headband so that the helmet is seated on the head as low as possible and near to your face. Adjust helmet angle when in the lowered position by turning headgear.
- Check the correct operation of the filter.

Additional Instructions

Operating temperature: 14°F ~ 131°F (-10°C ~ 55°C). Not recommended for use on welding above 500 Amp or 176°F (80°C). Do not use or open the auto-darkening filter if damaged by shock, vibration or pressure. Keep the sensors and solar cell clean. Clean the filter cartridge using a soapy water solution and soft cloth which should be damp but not saturated. Do not leave lowered in position; a bright light surface could cause the filter to darken unexpectedly. Do not use solvents or abrasive cleaning detergent. If cover lens is spattered or covered with dirt, it should be replaced immediately. Do not use the helmet without inside and outside cover lenses properly installed.