



AGKNIGHT 2.0

Auto-Darkening Welding Helmet

Designed with the latest safety technology to protect a welder's eyes from ultraviolet and infrared emissions

Features

- **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.
- **5 SENSORS FOR AUTOMATIC ADJUSTMENTS**
- **CLEAR STATE SHADE 3**
- **ULTRAFAST! SWITCHING SPEED: 1/25000th Sec**
- **ALL DIGITAL CONTROLS WITH A MANUAL GRIND MODE BUTTON**
- **CRYSTAL CLEAR BLUE VIEW TECHNOLOGY**
- **EFFICIENT POWER MANAGEMENT** - 3-6 months between battery replacement.
- **3 YEAR WARRANTY** - Against manufacturer defects.

ADVANTAGES OF ARMOUR GUARD'S CERAMIC COATED WELDING HELMETS

- Prevents spatter from sticking to the helmet
- Superior heat shielding
- Added scratch, chemical, & abrasion resistance
- Increased durability
- Increased impact strength

Replacement Parts

Replacement filter	AGKNIGHT2.0FILTER
Replacement headgear	AGKNIGHT2.0HG
Replacement inner lens	AGKNIGHT2.0IL
Replacement outer lens	AGL4CP060
Replacement battery	CR2032

Technical Specifications

- **ADF Size:** 4.5" x 5.25" x 0.197" (114.3mm x 133.35mm)
- **Viewing Field:** 2.64" x 3.89" (67mm x 100mm)
- **Sensors:** 5
- **Optical Rating:** 1/1/1/1
- **Shade:** Clear at Shade 3
Dark at Shade 4-8 for cutting
Darkest at Shades 8-13 for welding
- **UV/IR Protection:** Up to DIN 16
- **Switching Time:** 0.04ms
- **Delay Control:** 0.06 - 1.2s
- **Automatic shade deviation from -2 to +2 with gradual return to clear state**
- **7 sensitivity levels to choose from, and/or automatic sensitivity adjustment**
- **Automatic delay adjustment with 9 levels to control delay time**
- **TIG Capability:** >2A
- **Power Supply:** Solar Panel & Lithium batteries
- **Ceramic coated nylon material with carbon fiber design**
- **Weight:** 1.15 lb
- **Operating Temperature:** -5°C (23°F)- +55°C (131°F)
- **Storing Temperature:** -20°C (-4°F)- +70°C (158°F)

Applications

- Designed for use with GMAW, GTAW, MMAW welding, or Plasma Arc cutting/gouging. (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