

# ARC-MASTER™

July 2025, Version 1.1

## Auto-Darkening Welding Helmet

**Arc Sense Technology** automatically senses arc intensity and adjusts to the recommended shade

**Digital Internal Controls** for easy adjustment of delay, sensitivity, shade and weld/cut mode

**True Color Technology** with light state shade 3 provides the optimal view before and during your weld

**2-Step Lens Delay Control** reduces eye strain and protects your eyes from unexpected flashes

**Ultimate Comfort Headgear** with ratchet adjustment and dual headbands for a premium fit and feel

**Large Viewing Area** with over 12.7 sq in view through the ADF

**Hardhat Compatible** with adaptor headgear (sold separately)

**Lightweight and Impact Resistant Shell** protects from heat and reduces neck strain

**Meets ANSI Z87.1, CSA Z94.3, and CE EN379**



PWH9990



on auto-darkening cartridge

### Feature Focus:

1/1/1/1 optical clarity

100mm x 82mm (3.94" x 3.23")  
viewing area

TIG rating > 2 amps

599 g (1.32 lb)

4 sensors

Variable shade range 5-8 / 9-14

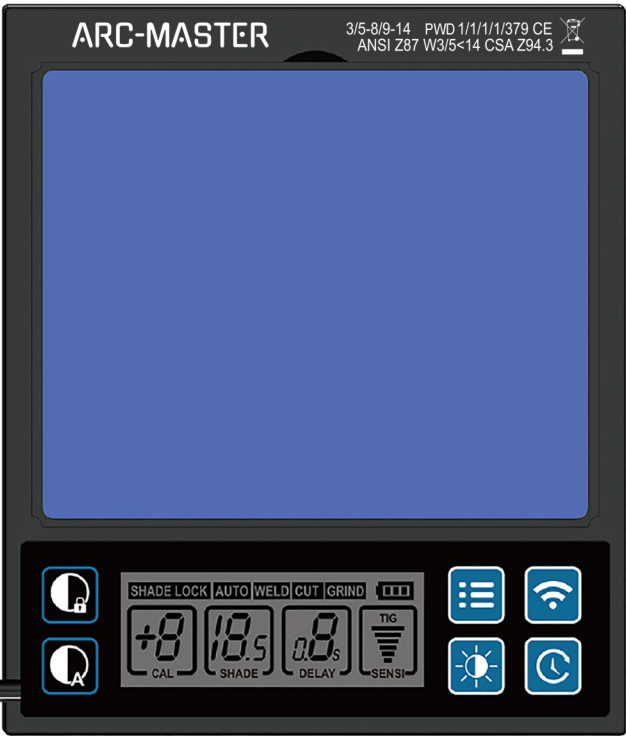
Light state shade 3

Weld, grind, cut, and auto modes

**POWERWELD®**

# Auto-Darkening Filter Features:

External grind button to easily switch between weld/grind modes



Large 3.94" x 3.23" viewing area

Mag lens bracket is included on the ADF lens retainer

Fully digital interface allows user to adjust mode (weld/cut), sensitivity, shade, and delay

Simplify your work and select Auto Shade to enable the ADF to adjust to the appropriate shade based on the intensity of the arc, or select Shade Lock to keep the ADF at your preferred shade

## Accessories:



PWHHG4510P



PWHS�A



PWAL01

## Ordering Information:

Model Number	Description	Package Qty
PWH9990	Arc-Master™ Digital ADF Welding Helmet	1
PWHL5	Replacement Inner Lens, PWH9990	5
PWHL6	Replacement Cover Lens, PWH9990	5
PWHHG4510P	Replacement Headgear, PWH9990	1
PWHS�A	Hard Hat Adaptor, PWH9990	1
CR2450	Replacement Battery, CR2450	2
PWAL01	Auxiliary Light for Welding Helmet, USB Rechargeable	1