

**M A S T E R**<sup>®</sup>  
By **ARCONE**<sup>®</sup>

# AUTO-DARKENING WELDING HELMETS



## **ShadeMaster Single and Variable Shade Auto-Darkening Welding Helmets**

- Choose from five auto-darkening welding filters.
- Sensitivity, delay, and grind mode on select models.
- Single and variable shade filters.
- Economical all purpose welding filters.
- The highest level of UV/IR protection up to shade 16.
- Solar powered on select models.

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## Auto-Darkening Filter Technical Information

MODEL	2000F	3000V3	4000VI3	5000VI	6000VI4
	Single Shade 11	Variable shade 10-13. Internal adjustment for shade selection and sensitivity.	Variable shade 9-13 with outside adjustment for shade selection & sensitivity. Internal adjustment for delay & grind.	Variable shade 9-13 with outside adjustment for shade selection & sensitivity. Internal adjustment for delay & grind.	Variable shade 9-13 with outside adjustment for shade selection & sensitivity. Internal adjustment for delay & grind.
Filter Dimensions:	90mm x 110mm	90mm x 110mm	90mm x 110mm	90mm x 110mm	90mm x 110mm
Viewing Area:	5.20 sq. in.	5.20 sq.in.	5.20 sq.in.	7.14 sq.in.	12 sq.in.
UV/IR Protection:	Up to Shade 16	Up to Shade 16	Up to Shade 16	Up to Shade 16	Up to Shade 16
Solar Powered:	Yes	Yes	Yes	Yes	Battery
Switching Speed (milliseconds):	0.5	0.1	0.1	0.1	0.1
Thickness:	5mm	6.3mm	6mm	6.3mm	9mm
Grind Mode:	No	No	Yes	Yes	Yes
Sensors:	2	3	3	2	4
Light Shade:	3	4	4	4	4
Dark Shade:	11	10-13	9-13	9-13	9-13
Dark to Light Delay (secs.)	0.1	0.1 or 2	0.1 or 2	0.1 or 2	0.1 or 2
Water & Dust Resistant:	Yes	Yes	Yes	Yes	Yes
Operating Temperature:	14 ~ 131 F (-10 ~ 55C)	14 ~ 131 F (-10 ~ 55C)	14 ~ 131 F (-10 ~ 55C)	14 ~ 131 F (-10 ~ 55C)	14 ~ 131 F (-10 ~ 55C)
Sensitivity Control:	Fixed	TIG/Standard	Variable	Variable	Variable

**ShadeMaster Auto-Darkening Filters Are Available In The Legacy Helmet.**

*ArcOne's ShadeMaster Legacy helmet offers full head, neck, and ear coverage to protect the welder from harmful spatter. The sleek, modern design channels fumes away from welder. Constructed of flame retardant nylon with enough room for a respirator.*

### LEGACY



**PART #**  
 2000F-11-1000  
 3000V3-1000  
 4000V3-1000  
 5000V-1000  
 6000VI4-1000



**PART #**  
 3000V3-1068  
 4000V3-1068  
 5000V-1068  
 6000VI4-1068

*Independence*