

*Auto-Change*TM Electronic Welding Lens



The Auto-Change Electronic Welding Lens is the newest addition to MSA's line of protective products for welders.

The Auto-Change Electronic Welding Lens is used with the MSA Clip-On Welders' Adapters (P/N 472859 and 806482) for Ultravue[®], Ultra-Twin[®], and Ultra Elite[®] Facepieces, and the integral adapter (P/N 470786) for the Ultravue Facepiece. The Auto-Change Welding Lens from MSA is an automatically darkening welding filter.

The welding lens is in the light state (semi-transparent) before welding and darkens within 0.4 milliseconds after an arc is struck.

Because the welder can see the welding electrode in the exact start position, the risk of inaccurate striking and poor welding is reduced. Both hands are free at all times, thus improving weld accuracy and quality. Welders can always see their work at comfortable light levels with constant eye and face protection.

There are no distracting visual effects such as halos or shadows with the new lens. When the lens switches, it is flicker-free.

The Auto-Change Welding Lens protects the user's eyes against ultraviolet (UV) and infrared (IR) radiation during the entire welding process, even in the light state.

PARTS LIST

Part No.	Description
10068601	Auto-Change Welding Lens
696095	Polycarbonate Cover Plate (4 1/2 x 5 1/4)
472859	Clip-On Welders' Adapter complete with cover lens, less filter plate-Ultravue & Ultra-Twin Facepieces
470786	Integral Welders' Adapter complete with cover lens, less filter plate-Ultravue & Ultra-Twin Facepieces
806482	Clip-On Welders' Adapter complete with cover lens, less filter plate-Ultra Elite Facepieces



OPERATION:

All lens controls are on the inside of the lens, and are an integral part of the lens, safe from harm or accidental resetting.

SPECIFICATIONS:

Auto-Change Electronic Lens

- Viewing Area: 3.75" x 1.63"
- Switching Time: 0.4 millisecond
- Light Sensors: Two detectors
- Ultraviolet/Infrared: Protection to shade 13 at all times
- Operating Temperatures: 23° F to 131° F (-5° C to 55° C)
- Shade: Variable shades 9-13
- Delay from dark to light: 0.25 seconds
- Sensitivity Adjustment: Variable
- Power Supply: Solar-powered
- Storing Temperatures: -4° F to 149° F (-20° C to 65° C)
- Light State: Shade 3
- Protective Plates: 4.5 x 5.25 outer and 2 x 4.25 inner



ACCESSORIES:

MSA Welder's Adapters for use with the Auto-Change Lens provide eye protection for welding in areas where a respirator is required. Clip-on and integral models available.

⚠ WARNING

The Auto-Change module is not suitable for oxy-acetylene welding, laser welding and plasma cutting and grinding. Failure to follow the warning could result in a serious eye injury.

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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