

The Speedglas™ 9100 welding lenses continue our tradition of outstanding optical quality, including extremely uniform shading and minimal distortion across the entire lens viewing area.

## More options mean more viewer control

There are seven dark shade settings to choose from: shade 5 for gas welding/cutting and shade 8 for micro-plasma and low amp TIG welding as well as variable dark shades of 9 to 13. If needed, you now also have the option to lock-in your shade, including the light state (shade 3) for grinding. A patented comfort mode for tack welding helps to reduce eye fatigue resulting from the eye constantly adjusting to differing light levels.

## No compromises needed

By selecting just the right setting for each task, the welder reduces eye strain and improves the quality of every weld. Pick your viewing size: the Speedglas 9100 series welding lenses features three models – normal, large and extra-large. The extra large Speedglas 9100XX lens (73x107 mm) is 85% larger than any other standard sized lens (Speedglas 9100V = 45x93 mm).

The shield option with SideWindows increases your vision even further, enabling you to be more aware of peripheral hazards. All of these options are about user comfort, personal preference, and optimum performance for each specific application.

Magnification made easy. The welding lens design now features a built in magnifying lens holder, meaning that attaching the lens is easier and the fit is more accurate.

The Speedglas 9100 series includes three new auto-darkening lens models that are differentiated by size: the viewing area of the extra large Speedglas 9100XX lens is 73x107 mm, making it 30% larger than any other Speedglas welding lens!

Seven user selectable dark shades: shade 5 for gas welding/cutting, shade 8 for microplasma and low amp TIG welding and shade 9 to 13 for most other types of arc welding.

The "tack welding comfort mode" uses an intermediate light state (shade 5). If a follow-up arc is not struck within two seconds, the welding lens switches to the normal light state (shade 3). The comfort mode helps reduce eye fatigue resulting from the eye constantly needing to adjust to differing light levels during tack welding.



The delay function allows the user to set the dark-to-light switching time.

Conforms to Australian Standards AS/NZS1337 and AS/NZS1338.1 for eye protection for welders.

Sensitivity of arc detection can be adjusted to provide reliable switching for a wide range of arc welding processes, amperages and situations. And you now can "lock-in" any shade: the light shade for grinding or other non-welding activities, or one of the dark shades – to have it function as a passive welding lens.