

Auto Darkening Welding Helmet

WH615S / WH735S / WH800S / WH820S



Enhance your performance with ClearWelding.

ClearWelding brand, owned by TECMEN ELECTRONICS CO., LTD, provides only certified welding helmets. As a world famous market leader, TECMEN has been the largest and fastest growing manufacturer and supplier of first-class welding helmets at affordable prices.



We focus on researching, developing and manufacturing all kinds of auto darkening filters, welding masks, powered air purifying respirator and welding accessories.

We have a professional workshop with 14,000 square metres, a strong R&D team with skilled senior engineers, and the most advanced inspecting, researching instruments used for our production inspection and technology R&D.

The company is ISO 9001:2008 and GS qualified. All productions and management are strictly performed in accordance with ISO quality control system requirements.

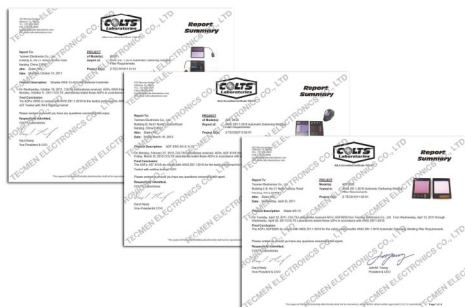
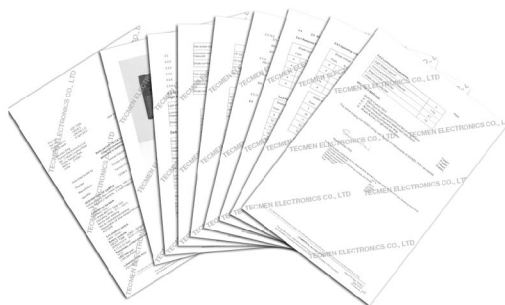
CLEARWELDING provides only certified welding helmets.

Clearwelding products are ANSI, CSA, DINplus, DIN-Geprüft, GS, CE and AS/NZS approved under newest standard. TECMEN is the first Chinese manufacturer to gain ANSI/CSA, CE, DINplus, GS with the best optical results.

When ClearWelding products are on the job, you can be assured that you are safe and protected.



All ClearWelding helmet shells comply to AS/NZS 1337.1. Auto Lens comply to AS/NZS 1338.1



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How to choose the right Welding Helmet?

Be serious before purchasing a Welding Helmet.

To protect yourself, never consider choosing a helmet only on price aspect. If the filter can get dark, that is not to say it will provide strong protection for your eyes. Welding helmets with Auto Darkening filters are composed of science and high technology in the field of liquid crystals, microelectronics, optoelectronics, solar energy sources and optics.

Look before you buy.

In accordance to international standards quality constructed Automatic Lens will feature key information for your safety and piece of mind. The Automatic Lens should always include optical class, certification body marks, maker marks & applicable standards. Generally cheap or uncertified welding helmets will fail to show all or some of these marks. **If in doubt ask to see Automatic Lens.**



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Light state scale no													
Lightest dark state scale no													
Darkest state scale no													
Manufacturer's identification													
Optical class													
Diffusion of light class													
Variations in luminous transmittance class													
Angle dependance of luminous transmittance class													
Number of this standard													

What does 1 / 1 / 1 / 2 Mean?

The main parameters of welding filters: optical class, light diffusion, light homogeneity and angle dependence. The parameters in each position can be any value from 1 to 3 (worst) and determine the characteristics of the filter.

Optical class

- Optical class indicates optical quality of the ocular.

Light diffusion

- Light diffusion class (adjustable filters only) 1, 2 or 3 indicates light diffusion class of the filter lens.

Light homogeneity

- Variations in luminous transmittance class 1, 2 or 3 indicates shade variability in the dark state of the filter.

Angle dependence

- Angle dependence of luminous transmittance class 1, 2 or 3 indicates the shade remains consistent when looking at an angle.



High Impact Rating

All ClearWelding Helmets comply with High impact requirements outlined in AS/NZS 1337.1

Clear Vision



All ClearWelding Helmets offer Clear Vision Technology. Compare for yourself.

