

## OHE410. Auto-Darkening Welding Helmet.



### Description

The ClearVIEW OHE410 is a high quality, competitively priced electronic welding helmet for use in arc welding. The OHE410 is built to exacting professional standards and is designed for industrial welders who weld infrequently. It provides complete, reliable protection and is also lightweight and extremely comfortable to wear.

The shell is designed to reduce the amount of welding fume in the welder's breathing zone and the new and unique headgear has been designed to give the user maximum adjustment and comfort. Headgear rake, head height and tension can be adjusted quickly and easily and the head size can be adjusted with a push and turn ratchet.

The OHE410 helmet is equipped with a high quality 4/9-13 electronic Auto Darkening Filter with grind function (ADF) lens. Switching time from clear to dark is approx 0.003 seconds (0.3ms) providing quick and effective protection. The ADF lens changes from dark to light between 0.1 and 0.8 seconds depending on the lens settings. The lens provides complete UV and IR light protection in both dark and clear states and is powered by solar cells with an enclosed back up lithium battery. The welding filters operate well under extreme low lighting and very strong sunlight by simply adjusting the sensitivity of the lens.

### Recommended filter shades for arc welding

Shade 10*	Less than 150 amps
Shade 11*	150 to 250 amps
Shade 12*	250 to 300 amps
Shade 13*	300 to 350 amps

### CE LI EN 175 B Marking Structure

CE 4/9-13 LI 1/1/1/2/379 which represents:

4	Light shade
9	Dark shade(s) – range 1
13	Dark shade(s) – range 2 (if applicable)
LI	Manufacturer's identification
1	Optical class
1	Diffusion of light class
1	Variations in luminous transmittance class
2	Angle dependence of luminous transmittance class
379	Certification mark or number of this standard

## Technical Specification

Helmet type	OHE410
Part #	11303635
Outer lens	119 x 99.3 x 1.5mm
Inner lens	94.1 x 44.8 x 1mm
Field of view	41 x 92mm
Light shade state	4
Dark shade state	9-13
Switching Speed	
Light to dark	0.003s (0.3ms)
Dark to light	0.1 to 0.8s
Shade controls	External
Sensitivity adjustment	Internal
Delay adjustment	Internal
Sensors	2
Power supply	Solar cells + Lithium battery back up
Operating temperature	-5 +55 °C
Used for	MMA welding, MIG (steel, stainless, aluminium), TIG (above 20 amps)
Grinding safety	This welding helmet is suitable for grinding applications.
Weight	470g (complete)
Warranty	24 months
Standards	
Helmet	EN175, EN166, EN379, AS/NZS 1337, 1338
Lens	ANSI/ISEA Z87.1-2010; CSA 94.3-07

## Spare parts for OHE410 Welding Helmets

Part #	Description
11303635	OHE410 Welding Helmet and ADF 4/9-13
11303638	OHE410 Headband Assembly Complete
11303639	OHE410 Sweatband
11303636	OHE410 Anti-spatter Lens
11303637	OHE410 Inner Protective Lens
11303641	OHE410 4-9/13 ADF Electronic Lens (with Grind Function)
11303640	OHE410 ADF Retainer and 1x Thumb Screw

## Disposal

The OHE410 Welding Helmet should be disposed of as industrial waste. The helmet shell and headgear can be recycled.



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