

OHE350 Welding Helmet

The professional helmet for the industrial welder



Description The Linde OHE350 is a high quality, competitively priced electronic welding helmet for use in arc welding. The OHE350 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 OHE350 helmet is equipped with a high quality 4/9-13 electronic Auto Darkening Filter (ADF) lens. Switching time from clear to dark is approx 0.005 seconds (0.5ms) providing quick and effective protection. The ADF lens changes from dark to light between 0.1 and 0.9 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.

- Features**
- Reliable protection for the eyes whilst electric arc welding
 - Permanent protection against Ultra Violet and Infra-Red rays, heat and sparks in any state from clear to dark
 - Optimal protection from eye damage caused by the welding arc
 - The ability to see the point of arc strike more precisely and efficiently
 - The ability to work hands free
 - Lightweight design for comfort and reduced fatigue

Applications The helmet can be used for a wide range of arc welding applications:

- MIG/MAG (GMAW)
- TIG (GTAW)
- MMA (SMAW)
- Plasma Welding (PAW)
- Plasma Cutting (PAC)

Technical Specification

Part No.	OHE350
Outer lens (mm)	110 x 97
Inner lens (mm)	103.5 x 47
Field of view (mm)	42 x 96
Light shade state	4
Dark shade state	9-13
Switching Speed	
Light to dark	0.005 s (0.5 ms) at room temperature
Dark to light	0.1 to 0.9 s
Shade controls	External
Sensitivity adjustment	Internal
Delay adjustment	Internal
UV/IR protection	Maximum protection in any shade setting (DIN 15)
Sensors	2 (below the eyes)
Power supply	2 solar cells + Lithium battery back up
Operating temperature	-5°C +55°C
Used for	MMA welding, MIG (steel, stainless, aluminium), TIG (above 30 amps)
Grinding safety	This welding helmet will not protect you from severe impact hazards and is not suitable for grinding
Weight (g)	546g (complete)
Warranty	12 months
Standards	
Helmet	CE, EN175, ANSI Z87.1, CSA Z94.3, AS/NZS 1337
Lens	CE, EN379, ANSI Z87.1, CSA Z94.3, AS/NZS 1338

Filter Shades

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

* Use one shade darker for aluminium

EN379 Marking Structure

CE0196 4/9-13 LI 1/3/1/2/379 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
3	Diffusion of light class
1	Variations in luminous transmittance class
2	Angle dependence of luminous transmittance class
EN379	Certification mark or number of this standard

Accessories

Linde Part Number	Linde Description
OE350LR	OHE350 Lens Retainer
OE350IL	OHE350 Inner Lens (10)
OLE350L	OLE350 4-9/13 ADF Electronic Lens (Linde)
OE350ASL	OHE350 Anti-Spatter Lens (10)
OE350TS	OHE350 Thumb Screws (10)
OE350FF	OHE350 Front Frame
OE350SB	OHE350 Sweatband
OE350HBA	OHE350 Headband Assembly Complete

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