

OHE510. Auto-Darkening Welding Helmet.



Description

A stylish welding helmet fitted with an ADF with great optical classification suitable for most welding applications, comes with a comfortable headgear with smooth ratchet.

The welding helmet is the latest addition under the ClearVIEW brand and comes with EN175 B rating shell and new high quality auto darkening filter (ADF) 4/5-8/9-13 with grind function. This allows the operator to use this helmet for various welding applications including pre and post weld operations. The ADF retainer allows easy fitting of the magnification lens. The Helmet is manufactured from a High Impact Resistant Nylon (PA).

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

Lens Control

The ADF fitted in the OHE510 will automatically switch off after 15 minutes of non activity in order to preserve the lifetime of the replaceable batteries

Range of applications

- Electrode
- MIG
- MAG
- TIG (>10A OHE510)

Low battery indicator

The ADF fitted in the OHE510 will have a red LED which will flash when the two CR2032 battery cells needs replacing; red LED illuminates when there's 2-3 days remaining battery life.

Information

OHE510 welding helmets afford reliable protection for the eyes when electric arc welding. They offer permanent protection against UV/IR rays, heat & sparks in any state from the clear to dark. The protection shades of the OHE510 welding helmets have been chosen to avoid eye damage caused by the welding arc.

Do not look directly at welding rays with unprotected eyes when the arc strikes. This can cause a painful inflammation of the cornea and irreparable damage to the lens of the eye leading to cataracts.

OHE510 welding helmets allow the welder to see the point of arc strike more precisely. This leads to a real time saving. The helmet does not have to be flipped up and down during welding, both hands are kept free and because of the helmets lightweight fatigue is reduced.

Marking on Auto Darkening Filter LI 510

| | |
|------------------------------|---|
| CE 4/5-8/9-13 LI 1/1/1/1 379 | |
| CE | Conformity mark |
| 4 | light state scale number |
| 5/9 | lightest dark state scale number |
| 8/13 | darkest state scale number |
| LI | Manufacturer identification |
| 1 | Optical class |
| 1 | Diffusion of light class |
| 1 | Variation in luminous transmittance class |
| 1 | Angle of Dependence classification |
| 379 | Testing standard |

Technical Specification

| | |
|---------------------------|---|
| Helmet type | OHE510 |
| Part # | 11324543 |
| Outer lens | 115 x 132 x 1.5mm (4.5" x 5.25" x 0.059") |
| Inner lens | 98 x 106 x 1mm |
| Field of view | 93 x 100 mm |
| Light shade state | 4 |
| Dark shade state | 5-8/9-13 |
| Switching Speed | 0.07ms |
| Delay adjustment | 0.1-1.9s internal adjustment |
| Sensitivity | Low-High internal adjustment |
| Sensors | 4 |
| Power supplies | Solar cells & 2 x CR2032 replaceable Li-Ion batteries |
| Operating Temp | from -5 to +55 °C |
| Total weight | 500g |
| Grinding | OHE510 is suitable for grinding applications |
| OHE510 material | PA – High Impact Resistance Nylon |
| Warranty | 24 months |
| Standards | EN175, EN166, EN379, AS/NZS 1337 |
| Certificate of Compliance | ANSI/ISEA Z87.1-2010; CSA 94.3-07 |

Marking on Welding Helmet OHE510

| | |
|-------------|----------------------------------|
| CE EN 175 B | |
| CE | Conformity mark |
| EN175 | testing standard |
| B | Medium energy impact with 120m/s |
| LI | Manufacturer identification |

Spare parts for OHE510 Welding Helmets

| Part # | Description |
|----------|-----------------------------------|
| 11324543 | OHE510 Welding helmet incl ADF |
| 11303638 | OHE510 Head gear (one set) |
| 11303639 | Sweat band (pack 2) |
| 11324545 | OHE510 Lens replacement kit |
| 11312183 | OHE510 ADF retainer & thumb screw |
| 11324544 | LI 510 ADF |

Disposal

The OHE510 Welding Helmet should be disposed of as industrial waste. The helmet shell and headgear can be recycled.



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