New range of welding helmets

MORE COMFORT & SAFETY FOR WELDERS
WE OFFER MORE

A FULL RANGE OF AUTOMATIC WELDING HELMETS, WITH FEATURES THAT WILL SUIT ALL WELDERS IN ALL APPLICATIONS:

- **Light Shade Technology**
  Giving a natural vision with better colour perception and more comfort & security for welders

- **Grinding**
  Filter activation in clear shade level 3

- **Cutting, low current welding**
  Adjustable shades 5 to 8 for low intensity TIG process, microplasma, oxy-fuel gas welding...

- **X-mode**
  A function where autodarkening is triggered by the electric arc, without interference from other sources of light, ideal when welding outside for example.

- **Infotrack**
  A in-built system providing useful information tracking and controlling (current time - total welding time - alarm - temperature)

CUSTOMIZATION

Certain helmets are delivered with a set of stickers for personalization.

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CHOOSING A AUTO DARKENING WELDING HELMET: WHAT MATTERS?

**VIEWING AREA**
A larger viewing area gives a better range of vision, with improved visibility of the welding area enhanced operator control.

**LENS SWITCHING SPEED**
The lens switching time needs to be optimized both from light to dark, but also from dark to light - all for maximum comfort and safety for the welder.

**SENSITIVITY CONTROL**
An increasing number of independent optic sensors will improve the sensitivity of the filter, in all possible welding positions.

**SHADE LEVELS**
Different welding applications require different shades, and for grinding it is important to be able to adapt the automatic filter.

**COMFORT**
With a comfortable welding helmet the welder is likely to increase the operating factor. The comfort of the helmet is mainly depending on the headband and how it can be adjusted to a perfect fit depending on the morphology of each person.

**SECURITY**
For best security and comfort, a lens with a natural vision makes it easier to see the welding joint as well as potential dangers around the welding area.
TECHNOLOGY NEW LIGHT SHADE - NATURAL VISION

THE NEW RANGE OF HIGH QUALITY AUTODARKENING HELMETS

- Natural vision for more comfort for the welders
- Better color perception for more safety
- A largest panel color for a clearer vision of the bead and of the environment from shade 3 to 13.

OLD WELDING FILTER
Since it needs to be special coated to protect the harmful rays, the penetration ratio is less than the transparent lens and user feels the color as yellow-green.

NEW LIGHT SHADE WELDING FILTER
New Welding Filter has function of protection against harmful rays and the penetration ratio is increased so user can recognize the object more brighter
Also the recognizable color is enhanced natural color from current yellow-green.
The lens improved as natural color can make the user recognize the object with ungarbled color so it can reduce feeling of fatigue and improve operation efficiency.

INFOTRACK
A display function of arc time Control
The arc time function records the amount of time the lens assembly is dark (exposed to an arc). Arc time is accumulated and displayed hours and minutes as Max. 99 hours 59 minute.

X-MODE
The X-mode functionality allows autodarkening to only triggered by the electric arc, without any interference from other sources of light such as sunlight or other welders around.
This functionality is ideal when welding outside for example.

Multi-language support
Help menu displays in Korean and English as default setting (up to 6 languages supportable)

Alarm function
Alarm clock functions to turn on alarm at a specific time.

Timer function
A time-management function with alarms.

Multi-language support
Help menu displays abbreviated instructions, modes, and notes on proper usage.
GREATER COMFORT AND OPTIMAL FIT

Headband

Weldline by Lincoln Electric is always concerned about the user comfort and has developed a series of head bands, that will allow you to combine comfort and ergonomics.

More than a detail, it is the key for comfort and maintenance of the helmet, an essential criteria in choosing your protection.

New comfortable headgear

FLEXTECH I
(for CHAMELEON 4V+LS and EUROLUX LS +ZEPHYR LS & FLIPAIR LS)

Ergonomic Top headgear band
Redesigned as two top bands provide extensive adjustability, settings, and enhanced support. The 2nd band is designed with rotational motion, which is increasing wearable on the head.

Cushion: oversized comfort cushion provides unsurpassed comfort and stability.
Oversized comfort cushion provides to decentralize the weight in a head for long time wear and it supports to release a helmet load and relief pressures.

The high elasticity urethane cushion is made of dual injection, and it gives to reduce not come off easily when wearing on/off a helmet. Also the high Adhesiveness provides to easy fit on various shape head. It transfers the center of gravity towards the back of the head, so to provide a balance with stable fit.

Easily detachable and quick adjusting rail function
Distance Adjustment by six level rail systems between the face and the lens. Release tabs as one touch.

FLEXTECH II
(for GOLDENARK)

FLEXONE
(for EUROONE)

FLEXSPEED LS
(for EUROSPED LS)

Removable sweatband
Setting on the top
Rack setting
Comfort cushion

Flextech 2 PAD: headgear suspension pad
The high elasticity buffer distributes the helmet weight evenly, and the dual injection urethane prevents slipping as a slip resistant.
The features of detachable and easy relocation provide to comfortable fit on diverse shape heads even a long time to wear.

how to photograph objects
## OVERVIEW

<table>
<thead>
<tr>
<th></th>
<th>EUROONE</th>
<th>EUROSPEED LS</th>
<th>CHAMELEON 4V+ LS</th>
<th>EUROLUX LS</th>
<th>GOLDENARK LS</th>
<th>ZEPHYR 4500 LS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>To order</strong></td>
<td>W000403823</td>
<td>W000403824</td>
<td>W000403668</td>
<td>W000403672</td>
<td>W000403673</td>
<td>W000403674 W000403675</td>
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<tr>
<td><strong>Lens switching Speed (sec)</strong></td>
<td>1/6,000 sec. (0.06ms)</td>
<td>1/25,000 sec. (0.04ms)</td>
<td>1/20,000 sec. (0.05ms)</td>
<td>1/25,000 sec. (0.04ms)</td>
<td>1/20,000 sec. (0.05ms)</td>
<td>1/25,000 sec. (0.04ms)</td>
</tr>
<tr>
<td><strong>Variable Shade/Control</strong></td>
<td>9-13 External</td>
<td>9-13 Internal</td>
<td>8-13 Internal</td>
<td>8-13 Internal</td>
<td>8-13 Internal</td>
<td>8-13 Internal</td>
</tr>
<tr>
<td><strong>Light Shade (LS)</strong></td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Light Sensitivity Control</strong></td>
<td>By infinitely dial knob</td>
<td>By infinitely dial knob</td>
<td>Continuous</td>
<td>Continuous</td>
<td>Continuous</td>
<td>Continuous</td>
</tr>
<tr>
<td><strong>Delay Control Dark to Light (sec)</strong></td>
<td>0.1-1.0s by infinitely dial knob</td>
<td>0.1-1.0s by infinitely dial knob</td>
<td>Variable from 1s-0.1s</td>
<td>0.1-1.0s·Fully Adjustable</td>
<td>0.1-1.0s·Fully Adjustable</td>
<td>0.1-1.0s·Fully Adjustable</td>
</tr>
<tr>
<td><strong>Additional features</strong></td>
<td>-</td>
<td>Planch of stickers</td>
<td>X-mode INFOTRACK</td>
<td>X-mode INFOTRACK</td>
<td>X-mode INFOTRACK</td>
<td>X-mode INFOTRACK</td>
</tr>
<tr>
<td><strong>Arc Sensors</strong></td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td><strong>TIG Amp Rating</strong></td>
<td>≥10 amps /DC ≥10 amps /AC</td>
<td>≥5 amps /DC ≥5 amps /AC</td>
<td>≥5 amps /DC ≥5 amps /AC</td>
<td>≥5 amps /DC ≥5 amps /AC</td>
<td>≥5 amps /DC ≥5 amps /AC</td>
<td>≥5 amps /DC ≥5 amps /AC</td>
</tr>
<tr>
<td><strong>Cartridge Size (mm)</strong></td>
<td>110x90mm</td>
<td>110x90mm</td>
<td>110x90mm</td>
<td>110x90mm</td>
<td>114x133</td>
<td>110x90mm</td>
</tr>
<tr>
<td><strong>Viewing Area (mm²)</strong></td>
<td>5312</td>
<td>5312</td>
<td>4559</td>
<td>5820</td>
<td>8736</td>
<td>5820</td>
</tr>
<tr>
<td><strong>For welding process</strong></td>
<td>MMA, MIG MAG</td>
<td>MMA, MIG MAG, TIG</td>
<td>Every welding process, especially for TIG</td>
<td>Every welding process</td>
<td>Every welding process</td>
<td>Every welding process</td>
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<tr>
<td><strong>Weight (g)</strong></td>
<td>490</td>
<td>475</td>
<td>614</td>
<td>542</td>
<td>668</td>
<td>938 + 1760</td>
</tr>
<tr>
<td><strong>Optical Clarity</strong></td>
<td>1/1/1/2</td>
<td>1/1/1/2</td>
<td>1/1/1/2</td>
<td>1/1/1/2</td>
<td>1/1/1/2</td>
<td>1/1/1/2</td>
</tr>
<tr>
<td><strong>HeadGear</strong></td>
<td>FLEXONE</td>
<td>FLEXSPEED LS + cushion</td>
<td>FLEXTECH I</td>
<td>FLEXTECH I</td>
<td>FLEXTECH I</td>
<td>FLEXTECH I</td>
</tr>
<tr>
<td><strong>Battery Type</strong></td>
<td>Solar cells, no battery change required</td>
<td>Solar cell + Battery replaceable (2xAAA Alkaline batteries)</td>
<td>Solar cells +2 exchangeable lithium batteries</td>
<td>Solar cells +2 exchangeable lithium batteries</td>
<td>Solar cells +2 exchangeable lithium batteries</td>
<td>Solar cells +2 exchangeable lithium batteries</td>
</tr>
<tr>
<td><strong>Low Battery Indicator</strong></td>
<td>-</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>WARRANTY (Months)</strong></td>
<td>12</td>
<td>18</td>
<td>24</td>
<td>24</td>
<td>24</td>
<td>24</td>
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<tr>
<td><strong>FILTER PARTS</strong></td>
<td>W000404067</td>
<td>W000404097</td>
<td>W000402680</td>
<td>W000402681</td>
<td>W000402683</td>
<td>W000402681 W000402682 (FL)</td>
</tr>
</tbody>
</table>
**EUROONE**

Confortable and light retail helmet with good technical content.

- Viewing area 4312 mm²
- Lens switching speed: 0.06ms
- 2 arc sensors
- DIN 3.5/9-13

Delivered with:
2 outside protection plates and 2 inside protection plates, 1 sweat band.

**EUROSPEED LS**

All the comfort and security of an autodarkening helmet, delivered with different stickers to be personalized.

**EUROSPEED LS**

- Viewing area 4312 mm²
- Lens switching speed: 0.04ms
- 2 arc sensors
- DIN 3.5/9-13

Delivered with:
2 outside protection plates and 1 inside protection plate, 1 sweat band, 1 comfort cushion on the headgear.
CHAMELEON 4V + LS

Autodarketing helmet adapted for TIG welding, switching at very low amperage (5A).

- Viewing area 4559 mm²
- Lens switching speed: 0.05ms
- 3 arc sensors
- DIN 3/8-13

Delivered with:
5 outside protection plates and 2 inside protection plates, 1 sweat band and 1 comfort cushion on the headgear.

EUROLUX LS

Light-weight autodarketing helmet with optimized headprotection and an exclusive design.

The advantages of the EUROLUX LS helmet

- Viewing area 5820 mm²
- Lens switching speed: 0.04ms
- 4 arc sensors
- DIN 3/8-13
- INFOTRACK & X-mode

Delivered with:
5 outside protection plates and 2 inside protection plates, 1 sweat band and 1 comfort cushion on the headgear.
GOLDENARK LS

Think bigger.

- Extra large viewing area 8736 mm²
- Lens switching speed: 0.05ms
- 4 arc sensors
- DIN 3/8-13
- INFOTRACK & X-mode

Delivered with:
5 outside protection plates
and 2 inside protection plates,
1 sweat band, 1 comfort cushion
on the headgear, 1 light bag.

Better weight distribution on the head
resulting in a feeling of comfort.
**ZEPHYR LS / FLIPAIR LS**

Bring fume protection and filtered air directly to the operator in difficult environments and keep it there all day.

- Large viewing area 5820 mm²
- Lens switching speed: 0.04ms
- 4 arc sensors
- DIN 3/8-13
- INFOTRACK & X-mode

Helmets with powered and filtered airflow

- Grinding mode with external button

**THE ULTIMATE WELDER PROTECTION**

ZEPHYR LS & FLIPAIR LS are both delivered in a rugged carry bag:

- The ZEPHYR or FLIP’AIR helmet
- The ZEPHYR air flow system,
- A protected hose connection
- A shoulder strap
- A battery charger
- An air flow-meter
- One extra filter
With its strong brand notoriety, Weldline is the unique and transversal brand for professional welding accessories and protection. Due to its continuous research for the best products, Weldline is able to offer even MORE to customers: high quality at the right price and compliance with the most rigorous European standards.

www.weldline.eu
BEING PRESENT LOCALLY
MAKES US MORE AWARE GLOBALLY

CUSTOMER ASSISTANCE POLICY
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