

Helmet standard  
CE EN 175  
Cell standard  
CE EN 379

# ELECTRONIC HELMETS

## GOLDENARK

*Think bigger.*

- ◆ **Extra wide field of view:**  
112 x 78 mm
- ◆ **All applications:**  
4 operating modes : Welding, Cutting, Grinding & X-mode.
- ◆ **Multi language help menu**  
Available in English, French and Spanish with InfoTrack system.
- ◆ The low battery indicator lights when 2-3 days of battery life remain.



**I50iw - InfoTrack**  
*[auto darkening welding lens]*



**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.



**A display function of Current time**  
You can access to set a current local time.



**Timer function**  
A time-management function with alarms.



**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.



**Help menu**  
Help menu displays abbreviated instructions, modes, and notes on proper usage.



2010-009

See the video



External grinding button



4 optical sensors

### LCD welding filter

To protect eyes during welding from the harmful rays such as ultraviolet rays and infrared rays, Goldenark provides an improved optic natural-looking yellow color instead of green color for more contrast and a brighter and more realistic view.



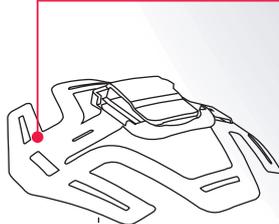
Before - Green



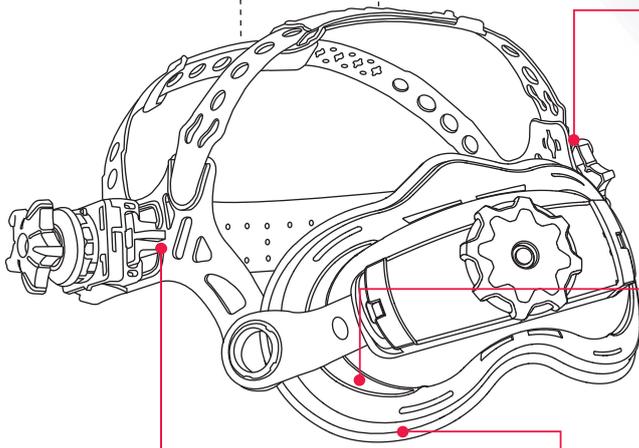
After - Yellow

**New comfortable headgear**

**Flextech Headband**



**Flextech 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.



**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.

**Flextech 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.

**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.

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.

	<b>GOLDENARK</b>
Optical class	1/1/2
Viewing area	112 x 78 mm
Switching time clear to dark	0.05 ms
Switching time dark to clear	Between 0.1 and 1.0 sec
Clear shade	DIN 3
Available shades All shades provide continuous UV and IR protection	- Welding: DIN 9-13 - Cutting: DIN 5-9 - Grinding: DIN 4 - X-mode: DIN 9-13
Color of the cell	Yellow, to help clearing color sorting
Power supply	2 CR2450 Lithium batteries
Sensors	4 independent
Operating temperature	From -10°C to +55°C
Storage temperature	From -20°C to +70°C
Weight (helmet + LCF filter)	650 g

<b>To order</b>	
Electronic welding helmet GOLDENARK	<b>W000386519</b>

List of spare parts : see page 10

