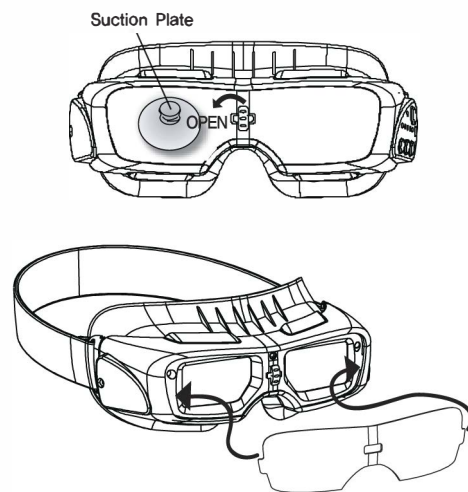




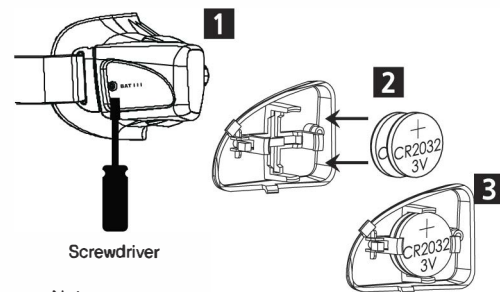
## General care and maintenance

1. Do not expose goggles to excessive force or impact.
2. Do not drop.
3. Do not use solvents or strong chemicals.
4. Do not allow goggles to get wet or expose to extreme temperatures.
5. Clean with cloth dampened with glass cleaner or mild detergent.
6. Store in case when not in use.

### 1.Changing the front cover lens



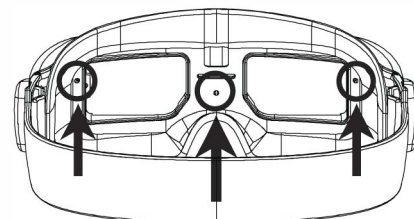
### 2.Changing the batteries



#### Notes:

1. Use only good quality CR2032 batteries
2. Check type and polarity when replacing

### 3.Changing the silicone skirt

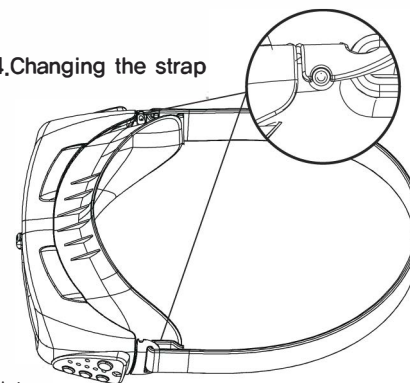


Remove these three screws to replace silicone skirt

#### Notes:

1. Locate all three screws lightly before tightening.
2. Do not over-tighten.

### 4.Changing the strap



#### Notes:

1. Screw housing is also threaded. Remove gently by turning

### 5. Self-Test

#### Not Auto darkening

- Dirty cover lens
- Welding sensor covered.
- Sensitivity is too low
- Battery flat.

#### Screen does not clear after welding

- Sensitivity too high.
- Too close to light source

#### Flickering during use

- Incorrect distance from arc
- Sensitivity too low
- Wrong battery type or poor quality battery

## Accessories

### Softshield



### Clipshield



CE ANSI AS/NZS INNOBIZ ISO 9001

# Arc-513

## Auto darkening Welding Goggles

# Manual



## Information

### 1,Important Information Please Read Before Use.

These welding goggles are designed for use by professionals with a full understanding of the hazards and safety risks associated with welding.

1. Please be sure you understand how to use this product and how to use it safely. If you are uncertain, do not use this product as misuse may result in serious and/or permanent injury. When used in conjunction with other personal protective equipment these goggles provide protection against the hazards of welding but are not designed or intended to be used without other appropriate protective equipment.

These goggles only provide protection for the welders eyes and additional appropriate protection must be used for other areas of exposed skin such as the face and neck.

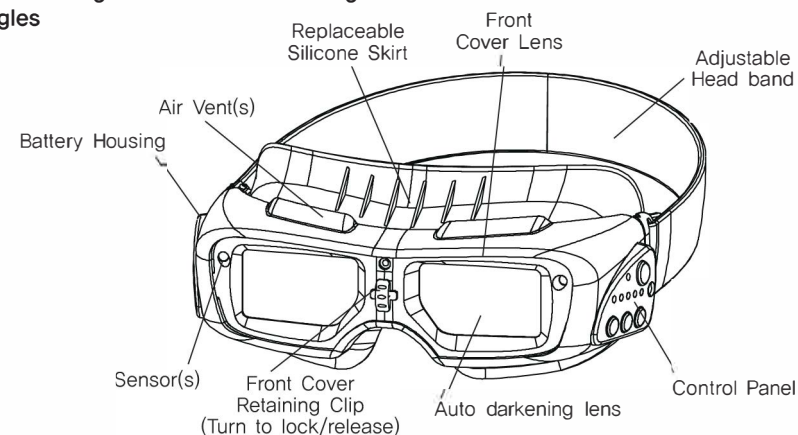
2. Always check that the goggles are ready for use by pressing the on switch. Depending on the previous settings an LED will blink

3. Select the correct shade according to the work to be done.

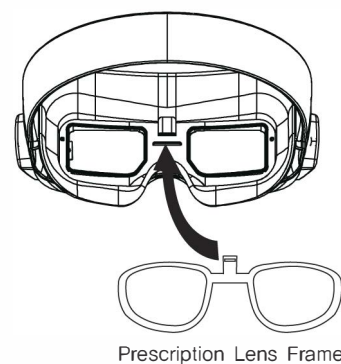
4. Adjust the sensitivity according to the working conditions.

5. Do not wear the goggles when not actually welding or when walking around as this may result in accident or injury.

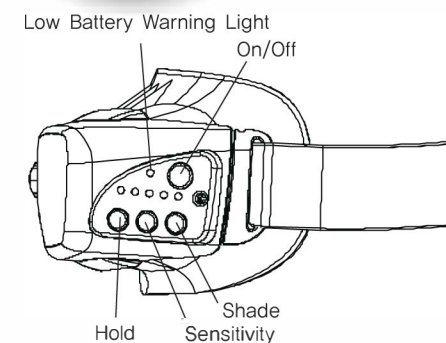
### 2. Understanding Your VARMEX Welding Goggles



### 3. Insert or remove the corrective optical lens frames as required.



## Control Panel



### 1-1. Turning on the Goggles.

Before use the goggles must be switched on. Press the Power button for 2sec until all(5) shade indicator LED' s blink.

#### Notes:

When wearing the goggles you can check their active state by pressing the ON switch. If the goggles are on the LCD screen will blink/darken briefly.

### 1-2. Turning Off the Goggles.

Press the power button for 2 sec to switch the goggles off. The goggles will switch off auto-matically if not used for approximately 30 minutes.

### 2. Setting the Shade

To provide the correct setting for protection against intensity of light press the [SHADE] button to select the appropriate shade.

### 3. Setting the Sensitivity

Sensitivity is adjusted by repeatedly pressing the [SENSITIVITY] button. With each press the sensitivity will change as shown by the LED indicators.

### 4. Using Hold

Pressing the [HOLD] button toggles the goggles between the HOLD mode (shades 5 and 7 only) for gas welding/oxy cutting use and the fully variable 5 to 13 auto-darkening arc welding mode. In the HOLD mode the shade can only be adjusted from 5 to 7.

Please note that these goggles must not be used for grinding without additional eye and face protection such as a face shield

## Spec.

### ARC-513 Specifications and Warranty

Speed	1/15,000th Sec	
Shade	Before/ During Welding	Shade #4 (passive mode)
		Shade #5, #7, #9, #11, #13
Sensitivity	5 sensitivity levels from low to high	
Power / Battery Life	Lithium 3V (CR2032 x 2) = Approx. 1,000 hrs.	
Sensors	Two	
Passive Mode	Can be used as eye protection for grinding in passive mode. Note, additional face protection is ALWAYS required.	
GasWelding / Dark Mode	Press [HOLD] then use [SHADE] to switch between #5 and #7	
Weight	Arc-513	Approx. 162gms
	Arcshield-513	Approx. 220gms
Working Temperature	-5°C to +55°C	
Storage Conditions	Clean, dry - 20°C ~ +70°C	
Accessories	Balaclava, Skull rag, Hard hat etc.	