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YESWELDER LYG-9600A

YESWELDER LYG-9600A Welding Helmet Replacement Lenses User Manual

Model: LYG-9600A

1. Product Overview

This manual provides instructions for the proper installation and maintenance of YESWELDER replacement lenses for the LYG-9600A welding helmet. The kit includes both outer and inner protective plates designed to shield the auto-darkening filter from sparks, spatter, and scratches, ensuring clear visibility and extending the life of your welding helmet.

Key Features:

- **Outer Lens Dimensions:** 107mm x 90mm
- **Inner Lens Dimensions:** 104mm x 47mm
- Durable construction for extended use.
- Specifically designed for YESWELDER LYG-9600A welding helmets.



Figure 1: YESWELDER LYG-9600A Replacement Lens Kit. This image displays five outer protective lenses and two inner protective lenses, each with a clear warning to remove the protective film before use.

2. Specifications

Feature	Detail
Brand	YESWELDER
Model Compatibility	LYG-9600A Welding Helmet
Outer Lens Dimensions (L x W)	107 mm x 90 mm
Inner Lens Dimensions (L x W)	104 mm x 47 mm
Outer Lens Weight	Approximately 14g
Inner Lens Weight	Approximately 7g
Thickness	1 mm
Material	PP (Polypropylene)



Figure 2: Detailed dimensions and material specifications for the YESWELDER replacement lenses.

3. Installation Instructions

Follow these steps to correctly install the replacement lenses into your YESWELDER LYG-9600A welding helmet:

1. **Prepare the Helmet:** Ensure your welding helmet is clean and free from dust or debris before beginning the installation.
2. **Remove Old Lenses:** Carefully open the lens retaining frame on your welding helmet. Remove the old outer and/or inner protective lenses. Dispose of them properly.
3. **Remove Protective Film:** ***Crucially, before installing, peel off the protective plastic film from both sides of the new replacement lens.*** Failure to do so will result in blurred vision and reduced clarity.
4. **Install Inner Lens:** Place the new inner protective lens into its designated slot inside the helmet, ensuring it sits flush against the auto-darkening filter.
5. **Install Outer Lens:** Position the new outer protective lens into its slot on the exterior of the helmet.
6. **Secure Lenses:** Close and secure the lens retaining frame of your welding helmet, ensuring both lenses are firmly held in place and there are no gaps.

7. **Check for Clarity:** Before use, visually inspect the installed lenses for any smudges, dust, or remaining film that might obstruct your view.

4. Operating Considerations

These replacement lenses are passive components designed to protect the active auto-darkening filter of your welding helmet. They do not affect the helmet's auto-darkening function or shade settings. Always ensure the lenses are clean and free from damage for optimal visibility and protection during welding operations.

5. Maintenance

- **Cleaning:** Clean lenses regularly with a soft, lint-free cloth and a mild lens cleaning solution. Avoid abrasive materials or harsh chemicals that could scratch or damage the lens surface.
- **Inspection:** Periodically inspect both inner and outer lenses for scratches, cracks, or excessive spatter buildup.
- **Replacement:** Replace lenses immediately if they become scratched, cracked, or too dirty to clean effectively. Damaged lenses compromise visibility and protection.
- **Storage:** Store unused replacement lenses in a clean, dry place away from direct sunlight and extreme temperatures to prevent degradation.

6. Troubleshooting

Issue: Blurred or unclear vision through the helmet.

- **Possible Cause 1:** Protective film not removed.
  Solution: Remove the protective plastic film from both sides of the new lens before installation.
- **Possible Cause 2:** Lenses are dirty or smudged.
  Solution: Clean the lenses thoroughly with a soft cloth and lens cleaner.
- **Possible Cause 3:** Lenses are scratched or damaged.
  Solution: Replace the damaged lenses with new ones.
- **Possible Cause 4:** Incorrect lens size or type.
  Solution: Ensure you are using the correct replacement lenses (LYG-9600A compatible) and that they are properly seated in the helmet.

7. Warranty and Support

Information regarding product warranty and availability of spare parts is not provided in the product data. For specific warranty details or customer support, please refer to the official YESWELDER website or contact your retailer.
For additional support or inquiries, please visit theYESWELDER brand store.

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