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> IPL 190nm to 2000nm Laser Safety Glasses Instruction Manual

mozeeda 017

IPL 190nm to 2000nm Laser Safety Glasses Instruction Manual

Model: 017 | Brand: mozeeda

PRODUCT OVERVIEW

These IPL 190nm to 2000nm Laser Safety Glasses are designed to provide comprehensive eye protection against a broad spectrum of laser light, including UV, blue, red, and infrared lasers. They are suitable for various applications such as hair removal treatments and laser cosmetology procedures, ensuring operator eye safety. Key features include a wide protection wavelength range, high optical density (OD 2+), and a visible light transmittance of 10%. Constructed from high-quality polycarbonate material, these glasses are lightweight and feature adjustable temples and a one-piece nose design for comfortable long-term wear. They comply with EN207 1998, EN166-2001, EN167-2001, EN168-2001, and GB30863 standards.



Image: The IPL Laser Safety Glasses, along with their protective storage case and a cleaning cloth.

SETUP

1. **Unpacking:** Carefully remove the laser safety glasses, storage case, and cleaning cloth from the packaging.
2. **Initial Inspection:** Before first use, inspect the glasses for any signs of damage, scratches, or defects. Do not use if damaged.
3. **Adjusting Temples:** The glasses feature adjustable temples with 4 modes to ensure a secure and comfortable fit. Gently adjust the temples to fit your head size and shape. The design allows for superimposition over ordinary prescription glasses if needed.
4. **Nose Pad Adjustment:** The one-piece nose design is intended for comfort. Ensure it rests comfortably on your nose bridge without causing pressure points.

ADJUSTABLE TEMPLE

4 Modes for temple

Adjust as you like

superimposed on ordinary glasses



Image: Detail showing the adjustable temple mechanism of the glasses, allowing for a customized fit.

OPERATING INSTRUCTIONS

These laser safety glasses are designed to protect your eyes during exposure to specific laser wavelengths. Always wear them when operating or being exposed to laser light within the specified protection range (190nm-2000nm).

- **Proper Fit:** Ensure the glasses fit snugly and cover your eyes completely, preventing any laser light from entering from the sides, top, or bottom. The wrapped safety lens design provides all-around protection.
- **Visibility:** The glasses have a visible light transmittance of 10%, which means they will significantly darken your vision. This is normal and necessary for effective laser protection. Ensure you can still safely perform your task while wearing them.
- **Application:** These glasses are suitable for various laser applications, including:
 - Laser hair removal treatments
 - Laser cosmetology procedures (e.g., face lifting, lip hair removal, armpit hair removal)
 - Dental examinations involving lasers
 - Protection from red and blue picosecond freckle testers
 - Protection from plant growth lamps (if within specified wavelength range)
- **Limitations:** These glasses are designed for specific laser wavelengths and optical densities. Do not use them

for protection against lasers outside their specified range or for higher power lasers than their OD rating. Consult the specifications table for details.

Laser Safety Glasses

--- protect eyes in all directions



Image: An individual wearing the laser safety glasses during a laser treatment session, demonstrating proper usage.

Your browser does not support the video tag.

Video: A demonstration of the laser safety glasses in use, highlighting their protective qualities during laser procedures.

MAINTENANCE

- **Cleaning:** Clean the lenses and frame regularly using the provided clean cloth. For stubborn smudges, use a mild soap solution and rinse with clean water. Avoid abrasive cleaners or solvents that could damage the lens coating.
- **Storage:** When not in use, store the glasses in the provided protective storage box to prevent scratches and damage. Keep them away from direct sunlight, extreme temperatures, and harsh chemicals.
- **Inspection:** Periodically inspect the glasses for any signs of wear, tear, or damage to the frame or lenses. If the lenses are scratched, cracked, or show any signs of degradation, their protective capabilities may be compromised. Replace immediately if damaged.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Vision too dark/obscured	Normal operation due to 10% VLT. Insufficient ambient lighting.	Ensure adequate ambient lighting in your workspace. This level of darkness is necessary for laser protection.
Glasses feel uncomfortable or loose	Improper temple or nose pad adjustment.	Adjust the temples to one of the 4 available modes for a better fit. Ensure the nose pad sits comfortably.
Scratches or damage on lenses	Improper handling or storage.	If the protective coating or lens material is compromised, the glasses may not offer adequate protection. Replace the glasses immediately. Always store in the provided case.
Unsure if glasses provide adequate protection for a specific laser	Mismatch between laser specifications and glasses' ratings.	Always verify that the laser's wavelength and power (Optical Density requirement) fall within the specifications of these glasses (190nm-2000nm, OD 2+). Consult a laser safety expert if unsure.

SPECIFICATIONS

Feature	Detail
Model Number	017
Protection Wavelength Range	190nm - 2000nm (Broad Spectrum)
Optical Density (OD)	OD 2+
Visible Light Transmittance (VLT)	10%
Material	Polycarbonate (PC)
Item Weight	2.39 ounces
Package Dimensions	7.2 x 4.72 x 2.52 inches
Adjustability	Adjustable temples (4 modes)
UV Protection	Yes
Special Features	Abrasion Resistant, Adjustable, Chemical Resistant, Polarized
Included Components	1PC Laser Safety Glasses, 1PC Storage Box, 1PC Clean Cloth
Executive Standard	EN207 1998, EN166-2001, EN167-2001, EN168-2001, GB30863 Approved



Wide views



Anti-dust



Anti-splash



UV Protection



Anti-impact



Laser protection



Protection Wavelength Range: 190-2000nm

Optical Density: OD 2+

Visible Light Transmission: 10%

Protection Features: Absorption type all-round protectionProduct

Material: PC & light absorbing material

Product Certification: Compliant with standard ANSI Z136.1

Image: A visual summary of the glasses' key technical specifications and certifications.

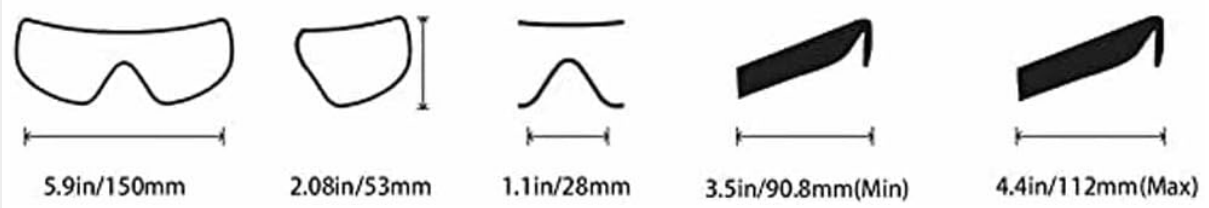


Image: Detailed dimensions of the laser safety glasses for reference.

WARRANTY AND SUPPORT

The product comes with a Lifetime Warranty and Service. If your glasses are damaged during normal use or shipping, a free replacement service will be provided.

For any inquiries or support needs, please contact the seller, BaoKuan, through the platform where the purchase was made. Provide your order details for efficient assistance.