

SHEERVISION

Surgical Loupes User's Manual



SureFit TTL Loupe



Signature Flip-Up Loupe



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Congratulations on your new Surgical Loupes!

You are now the new owner of a powerful device that will help improve your vision, performance, and the efficiency of your practice. As a new user of SheerVision's surgical-quality loupes, there are some important facts you need to know before using these exciting optics.

We recommend that all users read through the handling instructions before using their loupes.

If You Wear Glasses

Many users are able to use SheerVision's loupes right out of the box. We suggest that you try your new loupes for a short period of time to see if they meet your current needs before asking your optician to install your prescription in the frames provided.

If Your Prescription is Required

If you purchased our loupes without a lens prescription (Rx) installed, and now need your prescription to be installed, you have these options:

A. For Flip-Up Loupes- Titanium Frame- You have the choice to take the titanium frame to your local optometrist/optician to have your prescription installed, or SheerVision Customer Service can also assist you with this process.

- B. For Flip-Up Loupes- Sports-Type Frame- Please contact SheerVision Customer Service to assist you when adding your prescription to your loupe frame.
- C. For TTL Loupes- Any Frame Type- Please contact SheerVision Customer Service to assist you with adding your prescription to your loupe frame and/or loupe optics.

Inspection Instructions

Open the case and inspect the contents, as the case should contain the following components:

- SheerVision loupes attached to a frame with an elastic safety strap
- Two clear-plastic side shields (titanium frame models only)
- Lens covers (to protect the lenses from abrasion)
- Flip paddle (for Signature Flip-Up Loupes only)
- Lens cleaning cloth

Refurbishing Your Loupes

SheerVision will completely refurbish your loupes within two years of purchase for \$195.00. Before sending your loupes for refurbishing, call SheerVision Customer Service for instructions on how to do so.

If your loupes cannot be refurbished to “Like-New” status, SheerVision will replace them with a new pair.

Before sending in your loupes for refurbishing, call SheerVision’s Customer Service for a return authorization number.

U.S./Canada Toll Free: 1-877-678-4274
International: +1-310-265-8918

Cleaning Your Loupes

Your SheerVision loupes are precision instruments and care must be taken when handling and cleaning them. All SheerVision loupes have lens coatings on the optics to enhance optical performance and therefore need to be cared for properly.



DO NOT:

- Immerse the loupes in water
- Use any disinfectant other than those recommended
- Sterilize with an autoclave, steam, gamma radiation, or use ultrasonics
- Use cotton balls to clean the optics as they scratch the lenses

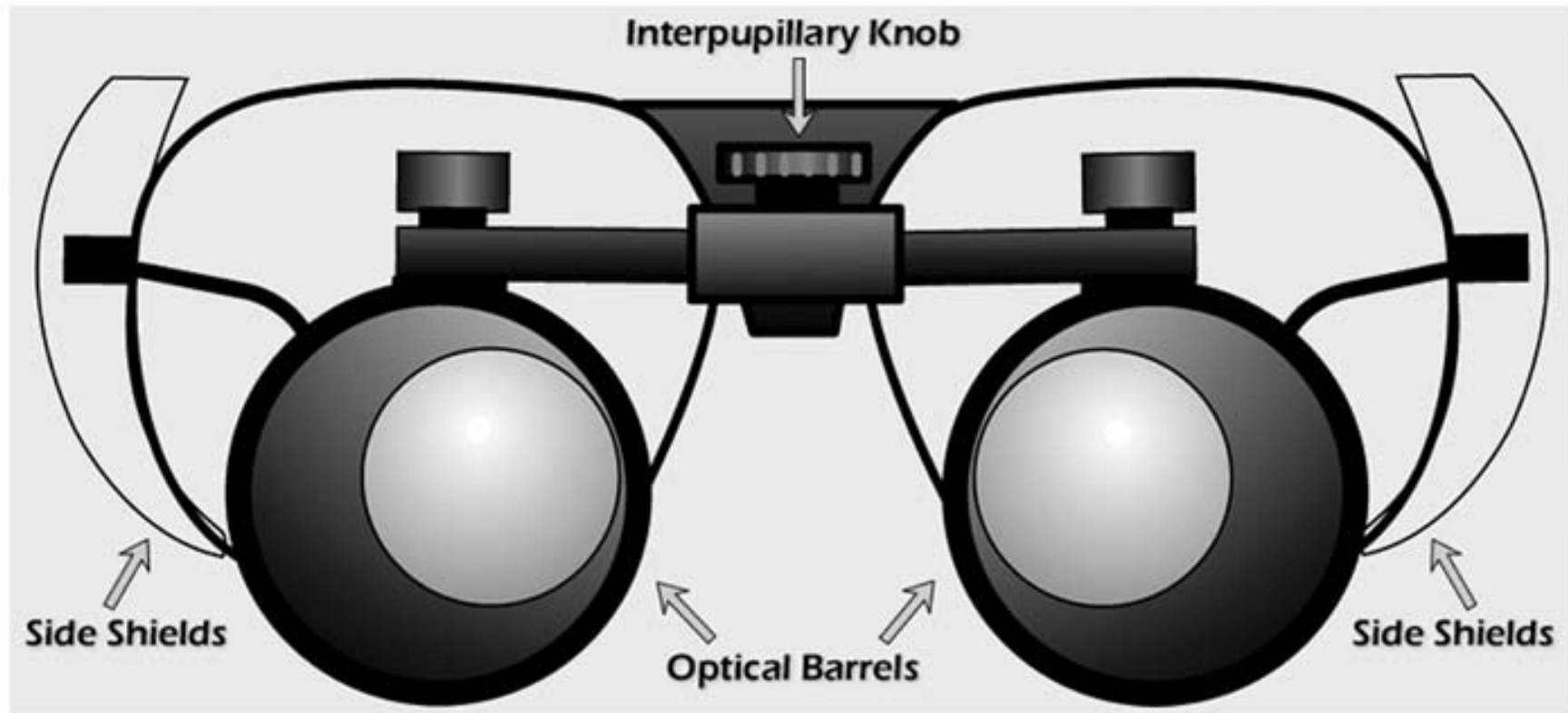
THESE ACTIVITIES WILL VOID YOUR LOUPE'S WARRANTY!

To further protect your lenses, we recommend the use of lens cap covers, as noted previously.

When cleaning the loupes, we recommend that a two-step process be used. The first step is to remove debris and disinfect the loupes. Once disinfected, the loupe lenses can be cleaned with an optical lens cleaner.

To Clean:

1. First, to remove debris, spray the loupes with a can of compressed air.
2. Disinfect the loupes.
 - Wet a cotton swab with 70% isopropyl alcohol, mild soap, or Lysol I.C. (infection control) disinfectant.
 - Gently wipe the loupes with a dry micro fiber cleaning cloth.
3. Finally, clean the lenses.
 - Use an optical lens cleaner formulated to clean coated-lens surfaces, or use the micro fiber cleaning cloth that was included with your loupes.



The components of the flip-up loupes are as shown. There should be a red sticker on the *Interpupillary Knob*. This knob adjusts the lateral distance from one barrel to the other. This should be the **ONLY** adjustment you will need to make. The knob does not need to be adjusted each time you use your loupes. Once set properly, it will not need readjustment.

Focusing Instructions For Signature Flip-Up Loupes*

Before your loupes were shipped, they were inspected, tested, and adjusted by SheerVision to insure that you would receive the highest quality optics available. However, you will need to perform a few simple focusing corrections in order for the loupes to conform to your unique vision requirements.



WARNING: Only adjust the loupe components below. Unscrewing the parts or improvising the adjustments may damage the loupes.

*TTL Loupes are prefocused by SheerVision

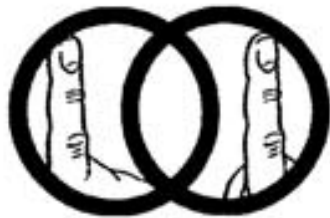
To Begin the Flip-Up Loupe Focusing Process:

1. Remove the red sticker from the *Interpupillary Knob*.
2. Put the loupes on and flip the barrels all the way down toward your viewing target. You should be approximately 16** inches/400mm away. Use your finger as the viewing target.
3. Adjust the *interpupillary knob* so that the barrels are as far apart as possible.
4. **You should now see two images of your finger.**
5. Slowly turn the *interpupillary knob* again until you see a single, focused image. Your viewing target should appear in either a circle or an oval.

**This distance will vary depending on the working distance you have selected when purchasing your loupes. If this distance does not match the method at which you perform your procedures (i.e., you find that you are leaning in or leaning back) please contact our customer service during your trial period to arrange for a working distance exchange.

Additional Focusing Notes

Be careful not to over-adjust your loupes. Bringing the optical barrels too close together can result in eye strain, causing your eyes to become fatigued. If you see two circles, two images in a single circle, or an uneven edge around the target, repeat steps 5 and 6 until the target becomes a single, focused image.



INCORRECT



CORRECT

Using Your SheerVision Loupes (Break-In Period)

Most new users of magnification devices experience some initial feelings of awkwardness and disorientation in the first few weeks of use. These feelings are similar to the time you had your first pair of glasses or your prescription changed.

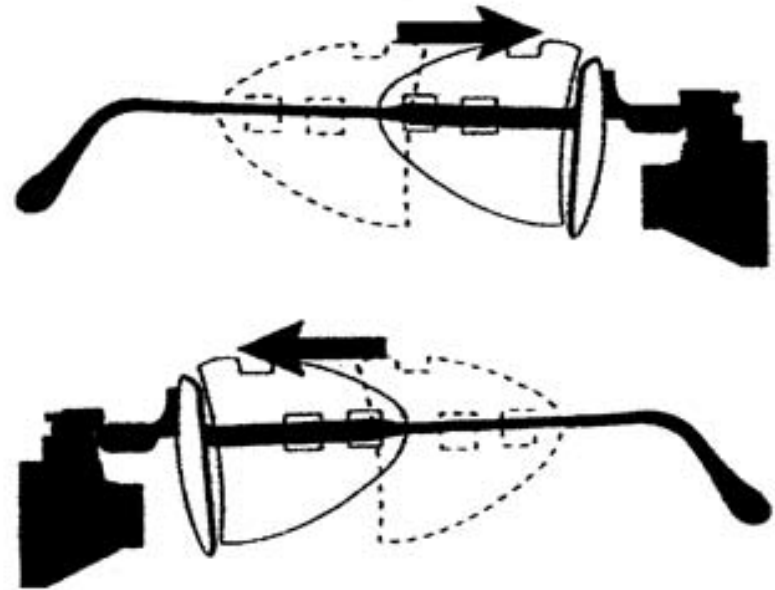
If you experience these feelings, spend only 30-60 minutes at a time performing simple procedures, and then let your eyes rest. As your eyes accustom themselves to the increased magnification, and as your hand-eye coordination develops, you can extend the time you use your loupes. Generally, the stronger the level of magnification of your loupes, the longer the adjustment period will be.

Side Shields

SheerVision loupes with titanium frames are packaged with transparent side shields for your protection and due to regulatory compliance. Del Rey Sport Frame models feature a wrap-around design that don't require/include the shields.

To install the side shields:

1. Identify whether the shield is left or right-sided. The notch in the shield indicates the top.
2. Place the shield over the narrow portion of the temple arm so that the two tabs above the side openings of the shield rest on the temple arm.
3. Slide the shield gently toward the frame so the front edge of the shield is snug against the frame.
4. Repeat the procedure on the opposite arm.



Lens Cap Covers

SheerVision provides lens cap covers for all of its loupes. These covers are designed to protect the lens from scratches or damage. We recommend that they be used at all times. To install the covers just slide them over each optical barrel.



30 - Day Trial Period

If you're not completely satisfied with the loupes, return them within 30 days in its original condition for a full refund.*

*Refund includes U.S. sales tax (as applicable) but does not include the cost of shipping or any custom prescription charges (as applicable).

To return the loupes for a refund:

1. Call SheerVision Customer Service at 877-OPTICS-4U and speak to a Customer Service Representative. You will receive a Return Authorization (RA) number which must be obtained in order to receive your refund.
2. Repackage the loupes in the original box with all of the accessories and this manual.
3. Print your RA Number on the shipping label and send to:

SheerVision Inc.

Attn: Return Dept. RA# _____

4030 Palos Verdes Drive North, Suite 104
Rolling Hills Estates, CA, 90274, USA

When returning the loupes, please insure the instruments for their full purchase value. We also recommend that you receive a tracking number from your shipping carrier so that the package can be tracked.

Customer Service

If you have any questions concerning the use and care of your surgical loupes, you can speak directly to a SheerVision Customer Service Representative Monday to Friday, 8:00 AM to 5:00 PM Pacific Standard Time.

US and Canadian Customers Toll-Free: 877-OPTICS-4U (877-678-4274)

International Customers: +1 310 265 8918

Fax: +1 310 265-8919

E-mail: customerservice@sheervision.com

Warranty Information

Our guarantee is as functional and straightforward as our products.

SHEERVISION WARRANTY- SURGICAL & DENTAL LOUPES:

Since we design and manufacture our surgical loupes to provide you with many years of satisfaction, all SheerVision loupes are guaranteed against defects in materials and workmanship.

- SHEERVISION provides an **UNLIMITED LIFETIME WARRANTY** on all working parts of the flip-up hinge mechanism.
- We provide a **1-YEAR UNLIMITED WARRANTY** on our designer **TITANIUM FRAMES** and **DEL REY Sport Frames**.

In the unlikely event that a problem arises as a result of a defect in our materials or workmanship of our OPTICS/BARRELS, we will promptly repair the defect at our expense (or replace it if it cannot be repaired) for the **LIFE OF THE LOUPES**.

All we require is that you call us first to obtain a Return Authorization Number. Please Note: This Warranty does not apply to damage incurred through normal wear and tear with use over time.

****Please see the EXCLUSIVE REFURBISHING PROGRAM on page 10****

As with any product, it should be expected that component parts will show wear and tear with use over time and may eventually need to be refurbished or replaced. With SheerVision, component parts such as side shields, flip paddles, and Kroaky (safety straps) are **COMPLIMENTARY** for the **LIFE OF THE LOUPES**. There is a nominal charge for additional sets of lens cap covers.



SheerVision

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