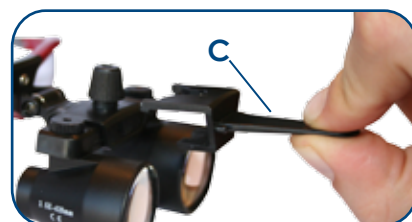
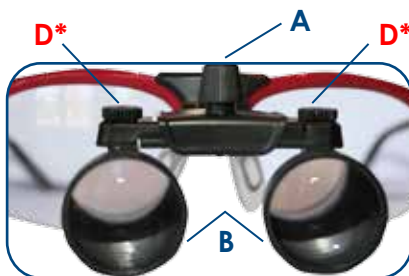
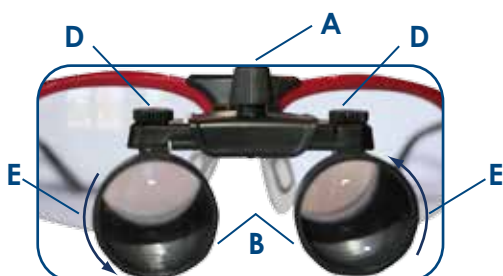


### Premium



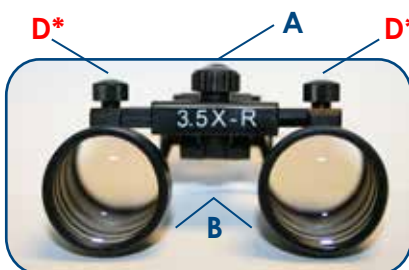
\*Flip paddle only included w/ Premium Loupes

### Variable



- A Interpupillary Knob
- B Barrels
- C Flip Paddle
- D Angle Adjustment Screw
- \*Angle Adjustment Screw is permanently set - DO NOT ADJUST
- E Variable Working Distance

### Clip-on



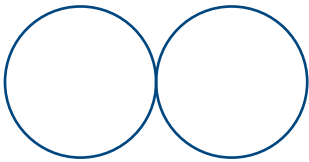
## Introduction

Outstanding optical quality and optimal focal alignment makes LW Scientific loupes the perfect choice for dental, surgical, veterinary, jewelry and industrial professionals. These binocular loupes create a 3-dimensional view with extraordinary depth of focus ideal for inspections and procedures requiring use of both hands under magnification.

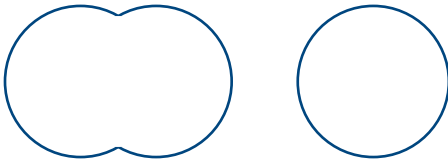
## Instructions

### Settings and Adjustments

1. Put the loupes on and flip the barrels all the way down so that they are angled approximately 30 to 45 degrees below a horizontal line. This will allow you to look down into the optics, while still allowing you to maintain an upright posture.
2. Adjust the interpupillary knobs so that the barrels are as far apart as possible. You should now see two images.



3. Place your hand in front of the loupes at the working distance that you will be working under.
4. 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.



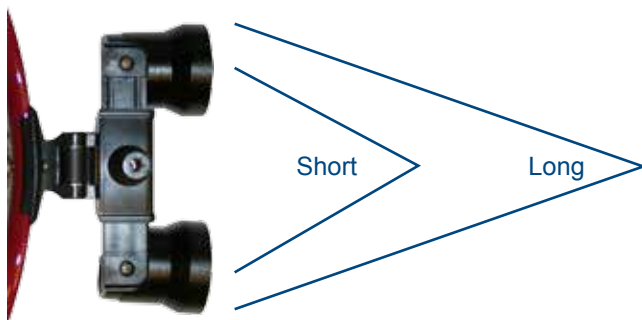
5. The lanyard can be tightened to pull against the back of your head, reducing the weight of the glasses on your nose.

### Working Distance

1. The Premium, Standard and Clip-on Loupes are preset and locked by manufacturer and require no user adjustment.
2. The Variable Premium Loupes: Turning both barrels counterclockwise will give you the maximum working distance and lowest magnification (2.5x). Turning both barrels clockwise will give you the shortest working distance and highest magnification (3.5X). Convergence Angle may need to be adjusted as the working distance is changed.

### Convergence Angle

3. The Premium, Standard and Clip-on Loupes are preset and locked by manufacturer and require no user adjustment.
4. The **Variable Premium Loupes**: each optic can be individually adjusted to allow the image to align based upon whether the user has selected either long focal distance or short focal distance.



### Adjustable Viewing Angle

Your loupes has a double-hinged, pivoting optical mount to meet the needs of various users. Not only can the up/down angle can be adjusted, but the optics can be set to high/low position on the glasses. It is important to set the optics as close to the glasses as possible for best optical performance.

High Position Double Hinge



Low Position Double Hinge



## Cleaning

1. Wet a soft cloth or cotton swab with isopropyl alcohol or any optical lens cleaning solution.
2. Gently wipe the loupes to remove loose particles.
3. Wipe the loupes dry with the enclosed cleaning towel or a lens cloth of your choice.

Note: Your loupes are precision instruments, and care must be taken when handling and cleaning the instrument. To remove debris, spray the loupes with a can of compressed air.

## Caution

Do not use any other disinfectant other than those recommended  
Do not immerse loupes in water  
Do not sterilize with autoclave, steam, gamma radiation, or ultrasonic