



# Enova Vizix<sup>®</sup> Custom Loupes

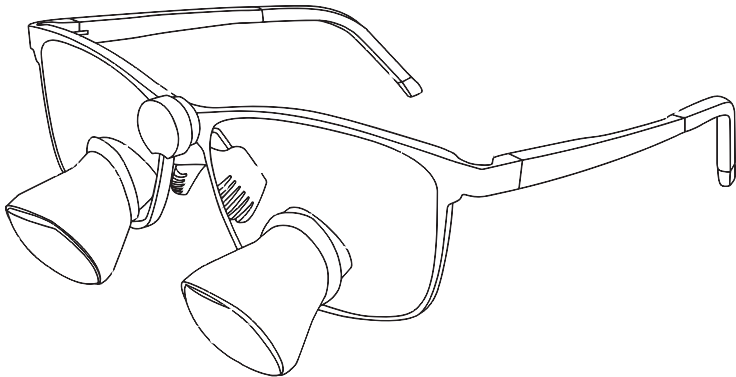
Vizix<sup>®</sup> Galilean Loupes

Vizix<sup>®</sup> Prismatic Loupes

Vizix<sup>®</sup> Ergo Elite Loupes



**Instructions For Use**



Note: The image shown above is for illustration purposes only. Actual product may vary depends on model purchased.

## Introduction

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This Instructions For Use manual is the most comprehensive source of information for the safe and effective use of your product. This manual may be used by surgeons, dentists, veterinarians, or other healthcare professionals.

Keep and consult this reference manual during the life of the product.

The following conventions are used in this manual:

- A **WARNING** highlights a safety-related issue. Always comply with this information to prevent injury to patient, user, medical personnel, and/or other persons and animals.
- A **CAUTION** highlights a product reliability issue. Always comply with this information to prevent product damage.
- A **NOTE** supplements and/or clarifies procedural information.

If additional information, especially safety information, or in-service training is required, contact sales representative or Enova Customer Care Team at [support@goenova.com](mailto:support@goenova.com)

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## Indications for Use

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Enova loupes are designed to provide magnification during dental or minor surgical procedures. Enova loupes are fitted for your head and crafted for your eyes. Every pair is designed to consider ideal working distance, individual facial features, custom lens prescriptions, and the optimal declination angle.

## Contraindications

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None known.

## Limitations of Use

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None known.

## For Use With

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Axis Light Systems, Atom Wireless Light Systems, Futudent microCam XS Systems, Futudent proCam XS Systems, Futudent smartCam Systems.

## Safety & Care Instructions

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**WARNING:**

- Please read the instruction manual carefully before using your Enova loupes. Damages due to disregard of the instructions within this manual are not covered under the warranty policy of Enova Illumination.

- Improper use of oculars may result in damage or failure of glue, resulting in loose or detached ocular(s).
- Do not look directly into the sun or other intense light while wearing loupes to avoid eye damage.
- Avoid vibration or shaking of loupes. This may result in loose or detached pieces.
- To ensure proper function of the loupe and light system, use the Enova or licensed supplier materials only.
- Avoid shock to product by keeping product in approved carrying case when not in use.
- Do not spray any liquid disinfectant directly onto the oculars.
- Do not hold your loupes by the oculars.
- Please consult local regulations for proper disposal.

## Accessories

This section describes components that may be ordered to replace original equipment that is damaged, worn, or must be replaced.



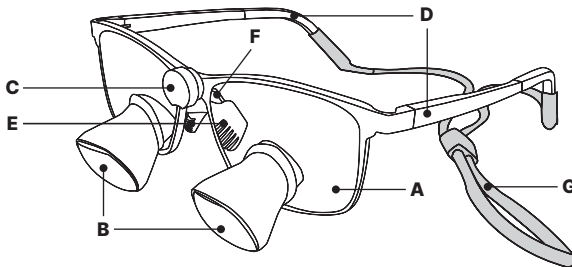
**WARNING:** Do not modify any component or accessory, unless otherwise specified.

The following Enova approved accessories can be sold in conjunction with the Enova Loupe System.

DESCRIPTION	REF	DESCRIPTION	REF
Classic Side Shield (L&R)	810003-001	Axis Light System w/Active Neck Battery	90900-001
Universal Side Shield (L&R)	810003-002	Axis Light System w/PP1.5 Hip Battery	90900-002
Airon Side Shield (L&R)	810003-003	Axis Light System w/Hybrid (Neck & Hip)	90900-003
Airon Radius Side Shield (L&R)	810003-004	PP1.5 Hip Battery	80203-001
Enova Loupe Case (for PP1.5 System)	80034-006	Activ Neck Battery	80204-00X
Enova Loupe Case (for Activ/Hybrid System)	80034-008	Atom Plus Single Battery	80801-002
Enova Frame Insert Kit - Large	800103-001	Airon Comfort Nose Pad - Standard	810006-001
Enova Frame Insert Kit - Small	800103-002	Airon Comfort Nose Pad - Small	810006-002
Retainer Strap	800051-001		

**Note:** For a complete list of accessories, contact sales representative or Enova Customer Care Team at [support@goenova.com](mailto:support@goenova.com)

## Features



### A. Carrier Lens:

High-quality lenses provide high-resolution when not using oculars. Option to use prescription.

### B Oculars:

A series of high-quality glass lenses and a custom eye-lens housed in aircraft aluminum for clear magnification and lasting durability.

### C Magnetic Adapter:

Every Enova loupe comes with a magnetic adapter to securely attach optional lights or cameras.

### D. Spring Loaded Temple Arms:

Flexible adjustment for a comfortable and secure fit.

### E. Nose Pads:

Made of comfortable materials to support the user and the frame. May be adjustable. See [Instructions] section for details.

### F. Nose Pad Post Mount

The metal posts the nose pads slide onto. See [Instructions] section for adjustment information.

### G. Retainer Strap

An adjustable retainer strap is provided for proper fit and comfort.

# Instructions

1. Upon arrival, check product for any possible damages and report immediately.
2. Check packing slip to ensure all components of your Enova Loupe System were properly packaged and delivered.
3. Put on loupes and view an object, "not text on paper", at your working distance to make sure the image is sharp.
4. If applicable to frame style, adjust nose pads to desired comfort and fit.
5. To secure frames, pinch slider on the retainer strap to adjust.

**Note:** Only post mounted nose pads are adjustable.

# Troubleshooting



**WARNING:** Do not service this equipment, unless otherwise specified. If you require service, contact sales representative or Enova Customer Care Team at [support@goenova.com](mailto:support@goenova.com)

If you are experiencing issues with your new loupes, follow the matrix to help customer service determine the problem.

Issue	Additional Problem Indicators	Troubleshooting
Image is blurry	Image is clear at some point, but not the desired distance.	Yes: Adjust working distance.
		No: Prescription is incorrect or missing.
Image is doubled	Draw a cross. If you're seeing double lines your oculars need to be adjusted.	Seek help to adjust frames accordingly.
Image shadowed	Seeing one directional shadow (top, bottom, left or right).	Your nose pads need to be adjusted opposite of the shadow appearing. (Example: If your image has a left side shadow, adjust nose pads to the right.)
	Seeing split shadows or double outside shadows.	Contact sales representative or Enova Customer Care Team at <a href="mailto:support@goenova.com">support@goenova.com</a>

**Note:** If the problem persists, contact sales representative or Enova Customer Care Team at [support@goenova.com](mailto:support@goenova.com)

**Note:** If any component must be discarded, see the [Disposal / Recycle] section.

# Cleaning

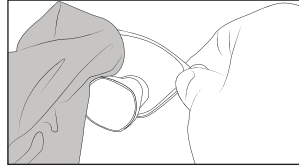
## CAUTION

- Do not use solvents, lubricants, or other chemicals, unless otherwise specified. Do not spray any liquid disinfectant directly onto the oculars.

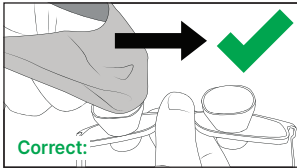
### To Clean Loupes



1. Apply a small amount of non-alcohol disinfectant onto a lint-free cloth.

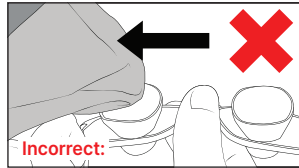


2. Wipe loupes using the lint-free cloth and carefully air dry.



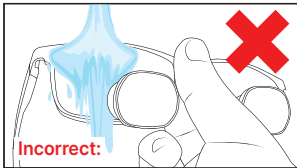
**Correct:**

Always rub the ocular inwards (toward the nose pad).



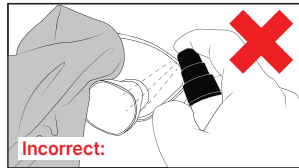
**Incorrect:**

Do not rub the ocular outwards (toward the temple arms).



**Incorrect:**

Do not rinse the loupes under running water.



**Incorrect:**

Do not spray disinfectant straight onto glasses and oculars.

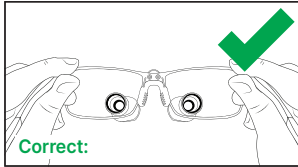
**Note:** Avoid scratching or striking the lenses as a reduction in visual clarity may occur.

**Note:** After use, small particles tend to remain on the surface of the frame and carrier lens. If rubbed with a cloth or your fingers, these dirt particles can cause irreparable damage.

# Storage and Handling

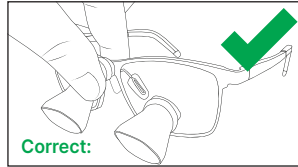
## CAUTION

- Always store the equipment within the specified environmental conditions throughout its useful life.
- To ensure the longevity, performance, and safety of this equipment, use of the approved carrying case or water tight packaging is recommended for storage and transport.



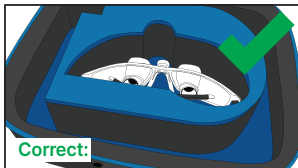
**Correct:**

Always take the loupes on and off with both hands.



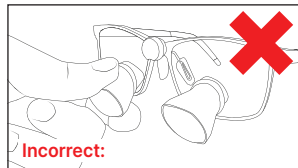
**Correct:**

Always hold your loupes by the frame.



**Correct:**

For proper protection, always store loupes in the provided case.



**Incorrect:**

Do not hold your loupes by the oculars.

# Disposal / Recycle



**WARNING:** Always follow the current local recommendations and/or regulations governing environmental protection and the risks associated with recycling or disposing of the equipment at the end of its useful life.

# Symbol Definition

Symbol	Definition (Indication Color)
	General Warning Sign (Yellow)
<b>REF</b>	Catalog Number
<b>QTY</b>	Quantity
<b>LOT</b>	Lot Number
<b>MD</b>	Medical Device
	Keep Dry

Symbol	Definition (Indication Color)
	Manufacturer
	Recycle: Electronic Equipment (in Accordance with Local Laws)
<b>CE</b>	CE Mark indicating that the device complies with Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices



# Warranty

Your Enova product is backed by an industry-leading warranty.  
To review your product warranty, visit: [www.goenova.com/product-support](http://www.goenova.com/product-support)



Keep this warranty in your records.

ORDER No.		
	Model	Serial Number
LOUPE		N/A
LIGHT		
BATTERY #1		
BATTERY #2		
OTHER		

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