



**SEE BETTER  
PERFORM  
BETTER**  
Dental Products

# About Us

Enova Illumination is a leading provider of LED dental and surgical headlights, magnification systems, and other world-class visualization solutions for dental, medical and vet professionals. The company was founded in 2006 to overcome the limitations of traditional fiber optic surgical headlights.

Enova Illumination is committed to making a difference in the world by providing healthcare professionals with the tools and education they need to improve patient care. In addition to the headlights, in 2017 Enova expanded its proprietary products by developing the Vizix® line of dental loupes and Axis™ and Atom™ loupe lights. Enova is also proud to be the exclusive headlight provider to Stryker® Medical, and the exclusive U.S. distributor for Zumax® microscopes.

In 2023, the Enova Training Center was created to further Enova's commitment to **provide education and training to dental professionals**. The 1,000 sq. foot facility has 17 work-stations and a presenters area, all equipped with Zumax® microscopes, dental simulators, and classroom space. See last page for more details.

In 2023 Enova was recognized with two awards. For it's imagination and product innovation, Enova won the **BOLD Award** granted by the **Association for Corporate Growth of Minnesota**. The Minneapolis St. Paul Business Journal also recognized Enova for its break-through product line and extraordinary growth with the **Manufacturer of the Year for Small Companies award**.



Enova's illumination and magnification products are used by healthcare professionals in a wide range of dental and medical specialties, including general dentistry, endo, perio, oral-max, ENT, and plastic surgery. The company's products are used in the finest clinics, hospitals, universities, and military bases around the world.

Enova is also a leader in supporting **dental and medical missions** and **disaster relief** work around the world by supplying headlights and loupes to dentists and surgeons traveling to those areas.



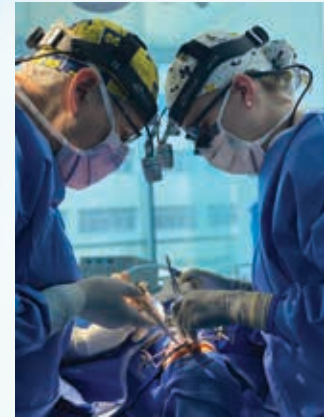
**Cambodia**



**Vietnam**



**Ukraine**



**Colombia**

Enova is continually looking at the industry's future needs and striving to develop products that support improved patient care.

Our Mission is simple: We create the best illumination and magnification products in the world that help healthcare professionals **see better** so they can **perform better**.

# Choosing the right frame for your loupes is just as important as choosing the right magnification!

Enova's Vizix® loupes offer a wide selection of custom-designed, stylish frames that are made specifically to accommodate loupes. Available in a variety of colors and styles, you can find the perfect pair to match your professional style and provide the support, comfort, and functionality you need.

Enova's frames are meticulously designed to fit seamlessly into your work life, while also accentuating your individuality and personal style. Whether you prefer a classic style frame or a more modern sport frame, Enova has a frame that's perfect for you.



## What Sets Enova Loupes Apart

- 1 Lightweight, aircraft aluminum construction
- 2 Adjustable silicone nose pads for added comfort; available in three styles
- 3 Magnetic light adapter for quick and easy headlight attachment
- 4 TriVEX® lenses for durability and optical performance
- 5 Spring-loaded temple arms to maintain telescope convergence and a secure, comfortable fit

Fast fact: As magnification increases, the field of view decreases. Many first-time loupe buyers prefer 2.5x magnification to give them a larger depth of field and field of view.



### Prescription Options

High-quality TriVEX® eyeglass prescriptions are placed into the Enova frames and provide a high-resolution, crisp image when not using the oculars. Additionally, prescription lenses can be built into Enova's ocular lenses.

### Custom Declination Angle Options

An optimal declination angle enables an ergonomic working position with minimal strain to the neck and back. Enova works with you to determine the proper declination angle by measuring the working focal point and your optimal body positioning to minimize fatigue.

### Pupillary Distance

Enova custom measures the distance between the center of the pupils, which varies by person, to ensure the prescription centers correctly in the frame.

### Working Distance

When wearing loupes, the depth of field is the clear area in focus. A long, clear depth of field allows you to use your loupes in multiple scenarios and with varying patients and situations. Enova works with you to identify your ideal working distance, which guides the selection of magnification power.

### Color Options

Enova offers the broadest range of color options and customizations in the industry, allowing you to personalize the products you rely on every day. Choose from a selection of loupe, frame, headlight cap, and battery cap colors to create a combination that is uniquely you.

Enova optical specialists and developers are experts in designing  
a loupe built to your unique measurements.



## Custom Built for You

Enova's Vizix® loupes are meticulously crafted for a custom fit every time. Engineered in our Minnesota-based optical lab, our loupes are as individual as our customers; every pair is precisely designed to consider ideal working distance, individual facial features, custom lens prescriptions, and the optimal declination angle.

**Scan here to build your custom loupes!**



# Loupes

## Vizix® Loupes

**Galilean | 2.5x, 3.0x, 3.5x**

Colors: Silver, Green, Black, Purple, and Blue

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**Prismatic | 3.5x, 4.5x, 5.5x**

Color: Black/Silver

6.5x Coming Soon!

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**Ergo Elite | 3.5x, 4.5x, 5.5x**

Color: Black/Silver

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# Frames

## Durable Frame Options Suited to Your Style

Enova knows that quality, durability, fit, and aesthetics are important aspects when it comes to selecting a frame that works with your loupe and lighting solution. We have taken this into account with a curated collection of aluminum frames that work seamlessly with our loupe and lighting products.

### Airon® Frame, Regular or Small

Colors: Blue, Black, Silver, Red, and Pink

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Small



Regular





# Frames

## Airon® Radius Frame

Colors: Blue, Black, Silver, Red, and Pink

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## Airon® Sport Frame

Colors: Blue, Black, Silver, Red, and Pink

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## Flak® 2.0 XL Frame

Colors: Black, White

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## Centerboard® Frame

Color: Clear

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Note: Some frames will not accommodate high power prescriptions.

# Loupe Lights



## AXIS

Lightweight Light

**Illumination: 30,000 LUX**

Color Temperature: 6,100K

Spot Size: 4" (10.2cm) at 12" (30cm) distance

Control: 3 level brightness control

Total Weight: 1.1oz (30g)

Run-Time: 10+ hrs with a PP1.5



## ATOM PLUS

Cordless Light

**Illumination: 27,000 LUX**

Color Temperature: 6,000K

Spot Size: 3" (7.6cm) at 12" (30cm) distance

Touch Sensor: 3 level brightness control,  
power on/off

Total Weight: 1.4oz (41g)

Run-Time: 3 hrs

# Loupe Light Accessories

## Activ™ Neck Battery provides:

- 5+ hours of working time
- Capacitive touch technology with three brightness settings
- Color options including black, purple, blue, and green
- Compact, Lightweight Design:  
1"x1" (2.5cm x 2.5cm)  
5oz (149g)

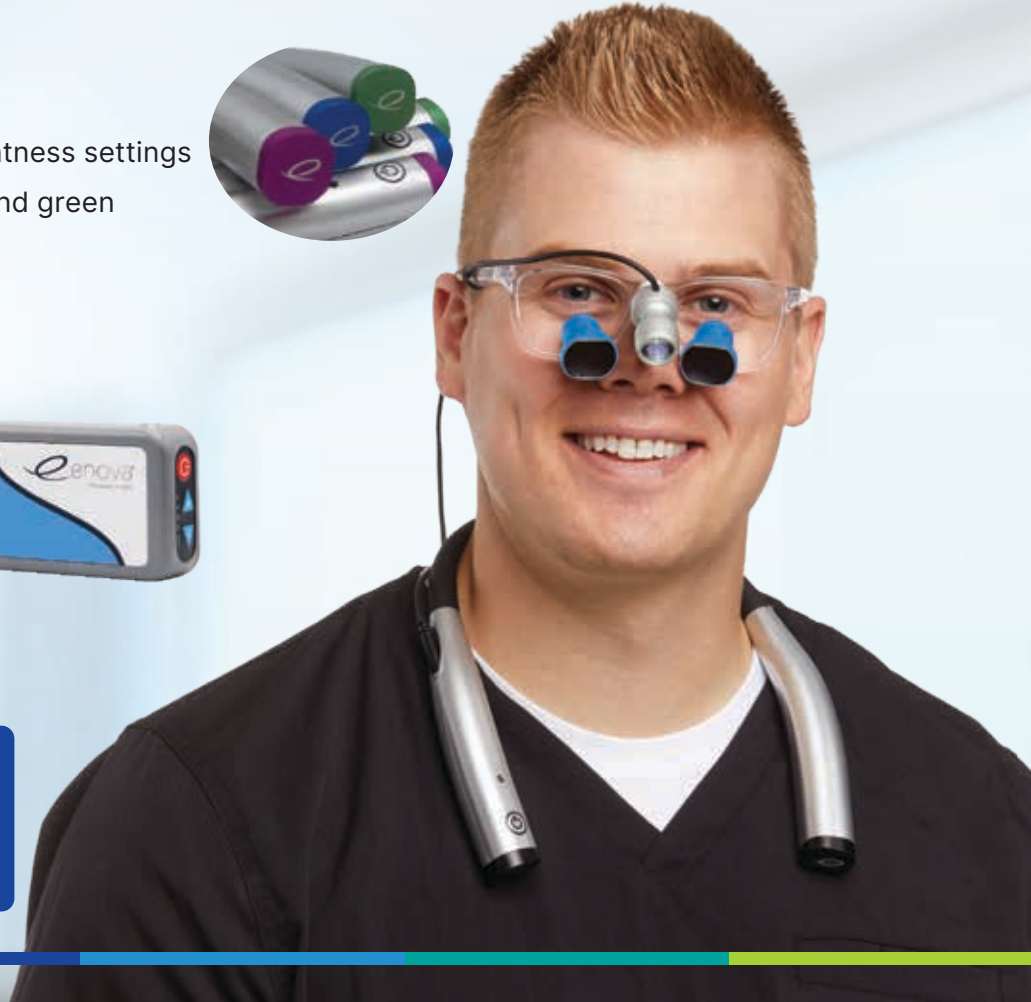


## PP1.5 Battery provides:

- Rechargeable Lithium-ion battery
- 10+ hours of working time
- Battery pack hip belt
- Compact, Lightweight Design:  
4"x2.5"x1" (10.2cm x 6.6cm x 2.5cm)  
7oz (200g)



Fast fact: Using a headlight to illuminate the working field not only improves procedure performance, but can also lengthen your career. LED lighting, coupled with magnification, improves ergonomic posture and reduces musculoskeletal disorders that often worsen over time.



# LED Headlights

## We Pride Ourselves On...



### POWER

Brightest lights,  
longest battery life



### INFECTION PREVENTION

All headband surfaces treated with  
Microban®



### VALUE

Exceptional quality at  
a lower cost



### DURABILITY

Aluminum housing and  
no moving parts



### Q-SERIES HEADLIGHTS

feature superior brightness and  
uniform illumination spot size.

You will receive pure white  
homogeneous light for true  
tissue rendition and the  
best illumination for  
various surgeries.

Scan here to learn more



Try Enova LED Surgical Headlights for up to 30 days without risk or obligation



# Q-Series Headlights



## Q-SERIES COOL

Cool Light (6100K/CRI-75)



## Q-SERIES WARM

Warm Light (4500K/CRI-95)



Adjustable Spot Size



### QUANTUM

Exceptional Brightness

**Illumination: 175,000-250,000 LUX**

Spot Size: 2" to 5" (5cm to 12cm)

Total Weight: 12.3oz (348gm)

Run-Time: Up to 10 hrs with a PP4

### QUASAR

Most Versatile & Popular

**Illumination: 115,000-150,000 LUX**

Spot Size: 2" to 5" (5cm to 12cm)

Total Weight: 6oz (170gm)

Run-Time: Up to 20 hrs with a PP4

### QUBIT

Most Economical - Fixed Spot Size

**Illumination: 80,000-105,000 LUX**

Spot Size: 2" (5cm)

Total Weight: 7oz (200gm)

Run-Time: Up to 20 hrs with a PP4

\*Compatible with Beam Attachment Filter:  
allows Qubit to be semi-adjustable

# Futudent™ Cameras



## Document, Communicate, Educate

Whether it's a quick snapshot or a full procedural video, a Futudent™ camera on your loupes or chair light allows you to focus on your treatment and your patient, rather than imaging. It is now easier than ever to take before and after images, case documentation images, and patient education videos without interrupting workflow.

Scan here to see the camera in action!



Hands-free  
Documentation



Cloud Platform  
Storage



Multi-mount  
Options

# smartCam **4K** ULTRAHD



## Resolution

4K30|1080p30|720p30|8mpix stills

## Optics

Exchangeable UHD lenses 8/16/25/35mm

## Features

SONY IMX 415 Sensor

Hands free USB foot control

## Mounting Options

Overhead Light

Loupe/Headband/Headlight

Gooseneck/Flexible Arm

## Dimensions

21×25×35mm

## Weight

0.7oz (21g)

# proCam XS **4K** ULTRAHD



## Resolution

4K30|1080p30|720p30|8mpix stills

## Optics

Exchangeable UHD lenses 25mm

## Features

SONY IMX 415 Sensor

Hands free USB foot control

## Mounting Options

Overhead Light

Loupe/Headband/Headlight

Gooseneck/Flexible Arm

## Dimensions

27.5×22×46mm

## Weight

1.3oz (37g)

# microCam



## Resolution

1080p30|720p30|2.1mpix stills

## Optics

Exchangeable UHD lenses 8/16/25/35mm

## Features

Hands free USB foot control

## Mounting Options

Loupe

Gooseneck/Flexible Arm

## Dimensions

19×15.5×31.5mm

## Weight

1.3oz (37g)

\*all Futudent™ cameras are  
MDR 2017/745 Class I compliant

# REVOLUTIONIZE YOUR PRACTICE WITH A ZUMAX® MICROSCOPE

Magnification using the latest in microscope technology gives professionals like you the opportunity to offer a higher standard of care in dentistry. Enova Illumination is proud to be the exclusive U.S. distributor of Zumax® microscopes, bringing you the highest quality and latest innovations available in the USA.



## ENHANCED MAGNIFICATION

Increased precision in all aspects of patient care - from diagnosis and treatment to efficiency and patient outcomes.



## SUPERIOR ERGONOMICS

Reduce neck and back injuries that can limit a career by not relying on loupes and insufficient illumination. Improve your posture by utilizing heads-up magnification with a monitor. 3D visualization is optional.



## HIGH QUALITY OPTICS

On all Zumax® microscopes, all lenses are multi-coated, anti-reflective, apochromatic, and made from hand-selected German glass.



## INTEGRATED 4K CAMERA

Connect to a monitor or your network for the ability to stream and save high definition photos and videos. Edit videos immediately for training and sharing with consulting physicians. Display real-time imaging for increased patient education.



## DOCUMENTATION AND TRAINING

Microscopes allow you to easily show, discuss and document treatments and procedures, both with patients and other specialists.



## RETURN ON INVESTMENT

Elevate your practice with Zumax® Microscopes, empowering you to confidently perform complex procedures with enhanced visual precision!

Scan here to learn more!





# Zumax® Dental Microscopes

## 3200 PRO/R2

### FEATURES

- **Joystick-Controlled Continuous Zoom:**  
Magnification ranging from ~1-20x  
AutoFocus is standard
- **Electromagnetic Clutch:**  
One-click magnetic clutch for ease of  
positioning and smooth movement
- **Integrated 4K Camera:** Seamlessly save,  
record and stream images/videos to your  
network and monitor(s)  
\*3D 4K camera optional
- **Integrated LED Illumination:**  
≥105,000 lux at 250mm working distance,  
multiple spot sizes and light and laser  
filters included. LED lifetime: 60,000 hours
- **Integrated VarioScope:**  
Working range 200mm to 450mm



**Motorized Continuous  
Zoom System**



**Electromagnetic  
Clutch**



**Integrated 4K  
Camera**

# Zumax® Dental Microscopes

## 2380 R2

### FEATURES

- **Continuous Zoom Magnification:**  
Ranges from ~1-20x
- **FreeFlow balancing arm:**  
Free flowing, ultra smooth movement to simplify positioning
- **Integrated 4K Camera:**  
Seamlessly save, record and stream images/videos to your network and monitor(s)  
\*3D 4K camera optional
- **Integrated LED Illumination:**  
≥100,000 LUX at 250mm working distance, multiple spot sizes and light and laser filters included. LED lifetime: 60,000 hours
- **Integrated VarioScope:**  
Variable working distance 200mm-450mm



**Continuous  
Zoom System**



**VarioScope Fine  
Focus**



**Integrated 4K  
Camera**

# Zumax® Dental Microscopes

## 2050

### FEATURES

- **Continuous Zoom Magnification:**  
Ranges from ~1-20x
- **ErgoPendulum Arm:**  
Binoculars remain stationary as microscope pivots right and left
- **Integrated LED Illumination:**  
≥75,000 LUX at 250mm working distance, multiple spot sizes and light and laser filters included. LED lifetime: 60,000 hours
- **4K Camera Module (Optional):**  
Seamlessly save and display images and video
- **Tabletop Mount:**  
Available option



**Continuous  
Zoom System**



**Integrated LED**

# Zumax® Dental Microscopes

## 2350

### FEATURES

- **6-Step Magnification:**  
Ranges from ~1-24x
- **Integrated LED Illumination:**  
≥65,000 LUX at 250mm working distance,  
multiple spot sizes and light and laser  
filters included. LED lifetime: 60,000 hours
- **Integrated HD Camera (Optional):** Seamlessly  
connects to your network
- **Integrated VarioScope:**  
Variable working distance 190mm-300mm



**Integrated LED**



**VarioScope Fine  
Focus**



# ACCESSORIES

## BROKEN INSTRUMENT REMOVAL KIT

Instrument separation is one of the most common complications in the root canal treatment process. The innovative design of the Zumax® Broken Instrument Removal Kit makes instrument removal quick and easy.

Kit Includes:

- 3 Micro-Trephine Burs
- 1 Extractor Handle
- 3 Extractors
- 1 Foreign Forceps

Extractor Handle and Tip



Extractor Tip Options

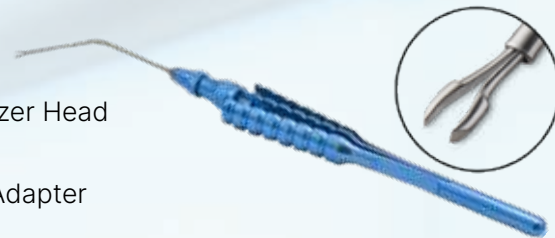


## MICRO DENTAL TWEEZER

The Zumax® Micro Dental Tweezer is designed for accurate foreign material removal - no matter the angle or complex accessibility.

Kit Includes:

- 1 360 Tweezer Head
- 1 Handle
- 1 Cleaning Adapter



## MOBILE ADAPTER

Connect mobile devices to Zumax® microscopes to allow you to instantly share your images through live-streaming, text messages, or email.



Contact your Enova sales rep today to learn more about Zumax® microscopes and accessories.  
Visit [www.goenova.com](http://www.goenova.com), call 651.236.8857, or email [sales@goenova.com](mailto:sales@goenova.com).



## State of the Art Facility

The Enova Training Center is equipped with a 4K projection screen, wireless audio system, 18 Zumax® microscopes, a presenter's station, and 17 heads-up work stations.

## Customizable Programs

The Enova Training Center can be set up to meet the needs of your program. Ship in your resources and Enova will have them ready for your arrival

## On-Site Staff

The Enova staff is available to assist with executing your event.





## Why Choose the Enova Training Center?

- ✓ The 1,000 sq. ft Enova Training Center has 17 stations for up to 34 attendees
- ✓ Each station has a Zumax® 2050 microscope, monitor, and dental simulator for heads-up practice.
- ✓ Lecture station with a Zumax® 3200Pro microscope, and 150"x84" screen to project live training, and 3 70" screens
- ✓ Customizable stations to support a variety of class formats
- ✓ Onsite dining and meeting rooms
- ✓ Eliminate hotel costs and extra fees

Scan here to learn more!



## ENOVA SATISFACTION GUARANTEE

Use our products and love them. If not, we'll take them back. It's that simple.  
For full warranty specifications visit [www.goenova.com/product-support](http://www.goenova.com/product-support)

Connect with us!



To learn more about how Enova can help you see better, so you can perform better,  
visit **[www.goenova.com](http://www.goenova.com)**, call 651.236.8857, or email [sales@goenova.com](mailto:sales@goenova.com)

Visit our online store at **[store.goenova.com](http://store.goenova.com)**

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ISO 13485: 2016 Certified QMS  
MDR Class 1 Certified

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