



**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**.

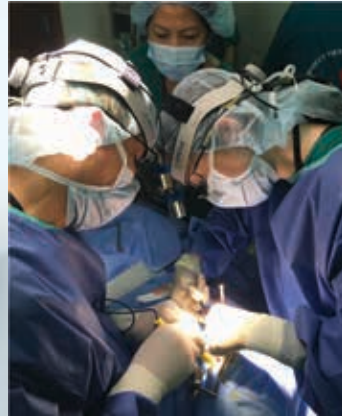


Enova's illumination and magnification products are used by healthcare professionals in a wide range of dental and medical specialties, including general dentistry, endo, perio, oral-max, ENT, and plastic surgery. The company's products are used in the finest clinics, hospitals, universities, and military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

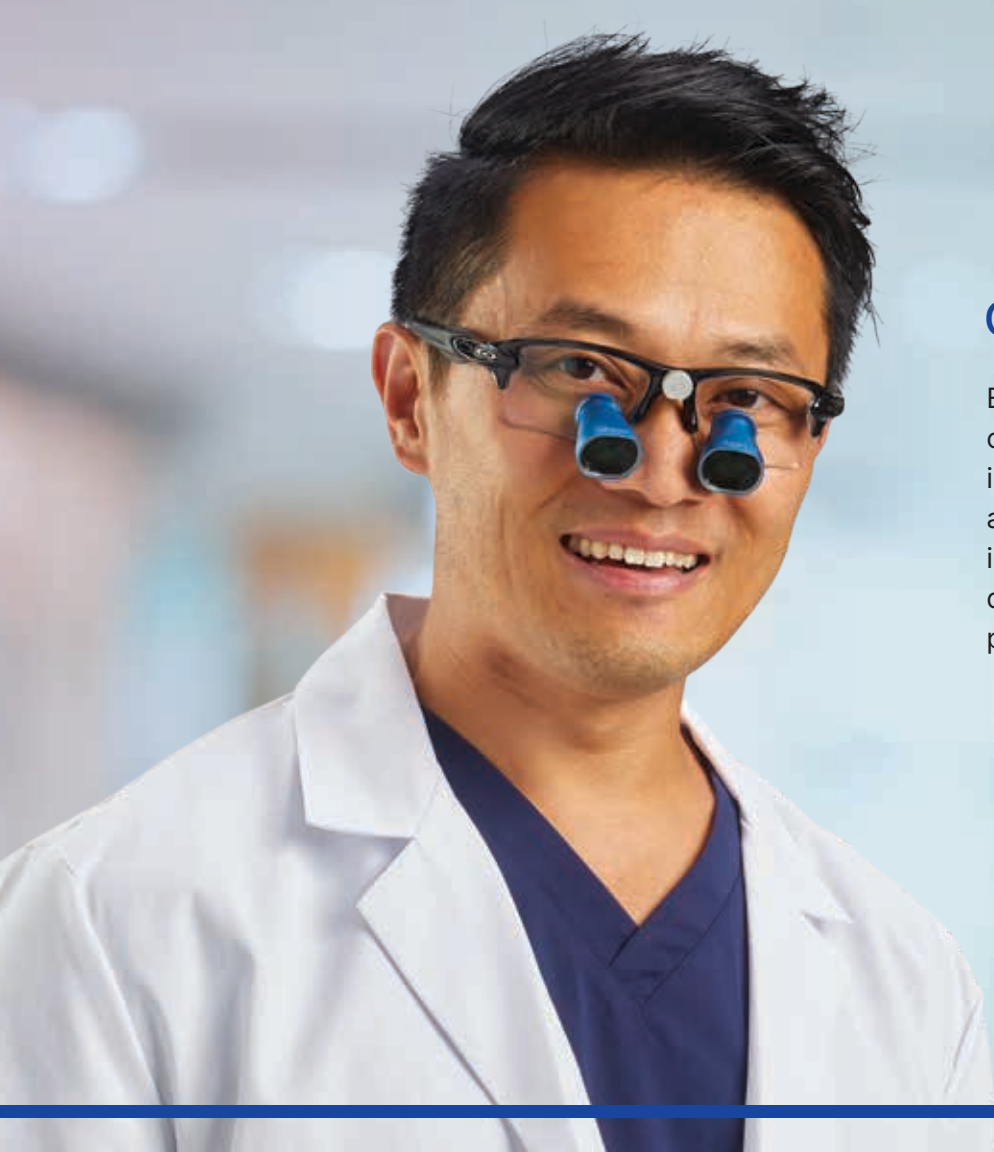
Working Distance

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



Prismatic | 3.5x, 4.5x, 5.5x

Color: Black/Silver

6.5x Coming Soon!



Angled Prism | 3.5x, 4.5x, 5.5x

Color: Black/Silver



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



Small



Regular



Frames

Airon® Radius Frame

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



Airon® Sport Frame

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



Flak® 2.0 XL Frame

Colors: Black, White



Centerboard® Frame

Color: Clear



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)

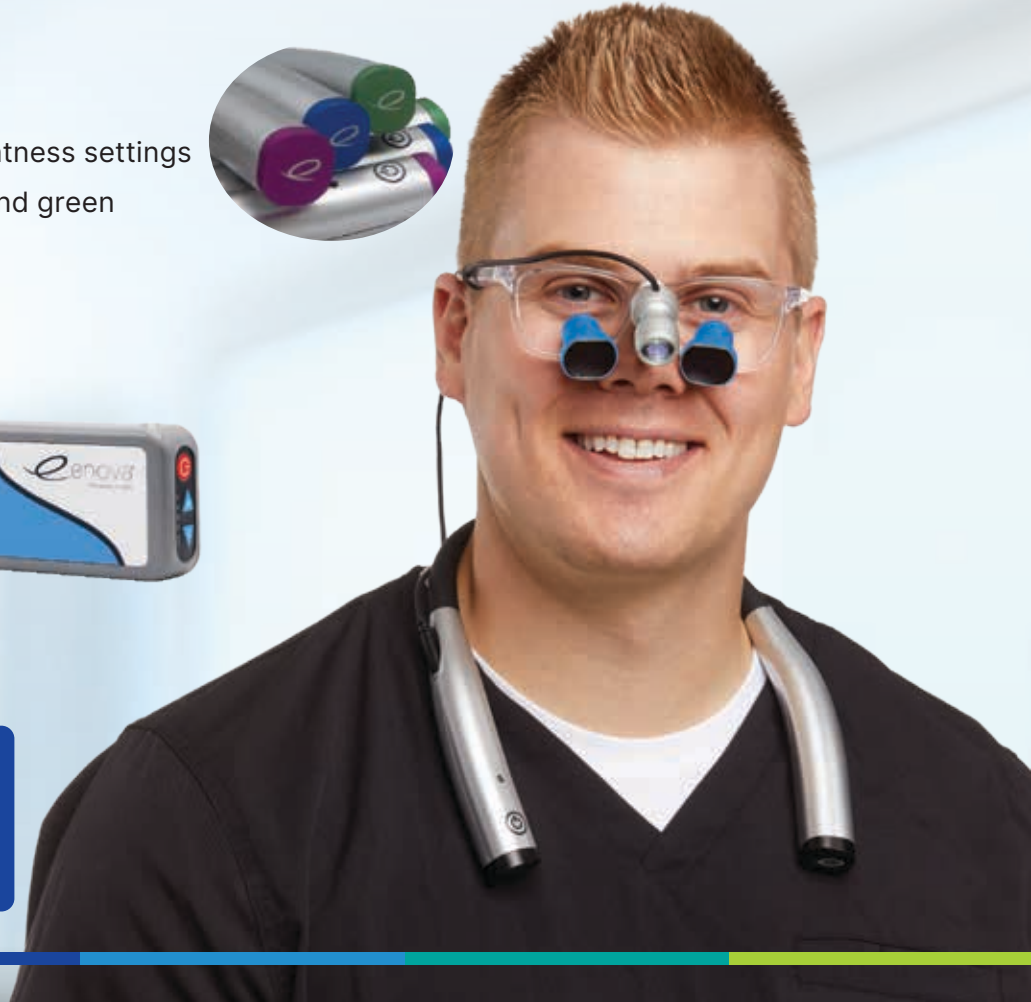


PP1.5 Battery provides:

- 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.

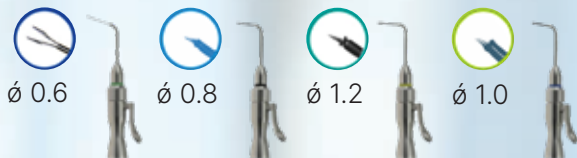
Kit Includes:

- 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, call 651.236.8857, or email 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

Connect with us!



To learn more about how Enova can help you see better, so you can perform better,
visit **www.goenova.com**, call 651.236.8857, or email sales@goenova.com

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ISO 13485: 2016 Certified QMS
MDR Class 1 Certified

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