



enova[®]

**SEE BETTER
PERFORM
BETTER**

Product Catalog

ABOUT ENOVA ILLUMINATION

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

We are 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 we expanded our proprietary products by developing the Vizix® line of dental loupes and Axis™ and Atom™ loupe lights. Enova is proud to be the U.S. and Canadian distributor for Zumax® microscopes, Futudent™ cameras, and Motranser® Mirrors.

In 2023, the Enova Training Center was created to further Enova's commitment to **provide education and training to dental professionals**. The facility has 16 workstations, a presenter's area, and classroom space, all equipped with Zumax® microscopes and dental simulators. See last page for more details.

Enova has been the recipient of numerous awards, including the **BOLD Award** granted by the **Association for Corporate Growth of Minnesota** for our imagination and innovation. 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 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.

OUR VISION

To enhance the world with life-changing illumination and visualization products and technologies.

OUR PURPOSE

To improve dental and surgical performance and medical outcomes by providing healthcare professionals with complete visualization and illumination solutions.

OUR MISSION

To help doctors **SEE BETTER**, so they can **PERFORM BETTER**



THE IMPORTANCE OF **ERGONOMICS**

DID YOU KNOW that 81% of medical professionals experience long term disability due to improper posture?

Chronic pain and musculoskeletal disorders are the top contributors to dental disability and dentist burnout. Proper ergonomics can help prevent this from happening to you!

All of Enova's loupes offer a customizable declination angle. We work with you to determine the proper declination angle by measuring your focal point, and your optimal body positioning to minimize strain to your neck and back.



With Ergonomic Loupes

Without Loupes



These loupes make it easy for me to keep a good posture while practicing so I'm not paying the price later!

Dr. Britany Baker, DMD



I couldn't imagine operating anymore without my Enova headlight. It would be like driving in the rain without wipers. This is surgery made clear!

Dr. Chad Deal, MD



I recently purchased Enova's Ergo Elites and I am in LOVE!! The clarity and quality is top notch, I look forward to using my loupes everyday!

Alyssa Berry, Dental Student



The Zumax 2380 scope truly exceeded my expectations. From the internal 4K camera to the fluid one-handed operation, every aspect of the system is easy to use and a pure joy to work with!

Dr. Michael Wenzel, DDS

LOUPES

HEADLIGHTS

MOTRANSER MIRRORS

FUTUDENT CAMERAS

ZUMAX MICROSCOPES

TRAINING CENTER

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's Frames Apart

- 1 Durable, lightweight construction
- 2 Adjustable silicone nose pads for added comfort; available in four styles
- 3 Magnetic light adapter for quick and easy light 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 crisp high-resolution 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, and the height of each pupil, both which vary by person, to ensure the prescription centers correctly in the frame.

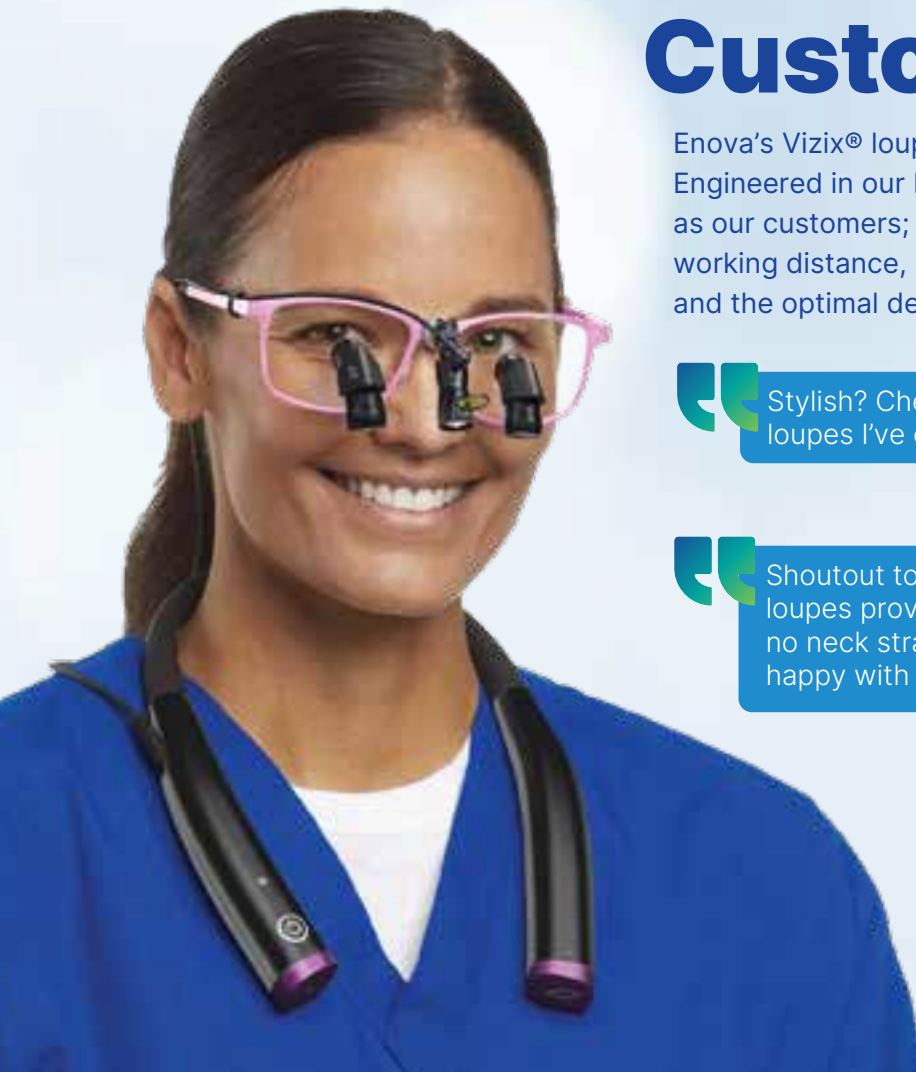
Working Distance

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.



Stylish? Check. Amazing magnification? Check. Most comfortable loupes I've ever worn? Check.

Dr. Alan Mead, DDS



Shoutout to Enova for taking our dental skills to the next level! These loupes provide incredible clarity, plus, the lightweight design ensures no neck strain. These loupes are a game changer and we're beyond happy with them!

The Dental Duo:
Nico & Kathleen, Dental Students

Scan here to build your custom loupes!



Loupes

Vizix® Loupes

Galilean | 2.5x, 3.0x, 3.5x

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

Note: Some colors are not available in all magnification levels.



Prismatic | 3.5x, 4.5x, 5.5x

Color: Black/Silver



Micro Ergo Elite | 3.5x, 5.0x

Color: Black



Ergo Elite | 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 frames that work seamlessly with our loupe and lighting products.

Airon® Frame | Regular or Small

Colors: Tortoise Shell, Blue, Black, Silver, Red, Pink, and Rose Gold



Small



Regular



Note: Tortoise Shell color is only available on Airon Regular frames.

Frames

Airon® Radius Frame

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



Airon® Sport Frame

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



Flak® 2.0 XL Frame

Colors: Black, White



Centerboard® Frame

Color: Clear



Note: Some frames will not accommodate high power prescriptions.
Note: Ergo Elite loupes are not compatible with Oakley® frames.



There are not enough words to describe how amazing these loupes are! Custom fit with beautiful frames and colors!

Dr. Abbie Janisch, DVM

Loupe Lights



AXIS ELITE

Lightweight, High-Power

Illumination: 42,000 LUX

Color Temperature: 5,700K

Spot Size: 3.25" (8.2cm) at 12" (30cm) distance

Control: 3 level brightness control

Total Weight: 0.28oz (7.8g)

Run-Time: 10+ hours with a PP1.5 Elite

5+ hours with Activ Elite

Premium Package includes 2 batteries

Anti-Curing Filter Available



ATOM PLUS

Cordless Light

Illumination: 35,000 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: 0.64oz (18g)

Run-Time: 3 hours

Premium Package includes 2 batteries

Light Accessories

Activ™ Elite 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) x 21" (53.3cm) 5oz (149g)



PP1.5 Elite Battery provides:

- Rechargeable Lithium-ion battery
- 10+ hours of working time
- Battery pack hip belt
- Compact, Lightweight Design: 2.25"x4"x1" (5.7cm x 10.2cm x 2.5cm) 6.5oz (184g)



PP2 Battery provides:

- Rechargeable Lithium-ion battery
- 10+ hours of working time
- Battery pack hip belt
- Compact, Lightweight Design: 2.25"x4"x1" (5.7cm x 10.2cm x 2.5cm) 6.5oz (184g)



PP4 Battery provides:

- Rechargeable Lithium-ion battery
- 20+ hours of working time
- Battery pack hip belt
- Compact, Lightweight Design: 3"x4"x1" (7.9cm x 10.2cm x 2.5cm) 10.6oz (300g)



PP4+ Battery provides:

- Rechargeable Lithium-ion battery specially designed for the Quest LED Headlight
- 18+ hours of working time
- Battery pack hip belt
- Compact, Lightweight Design: 3"x4"x1" (7.9cm x 10.2cm x 2.5cm) 10.6oz (300g)



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.

*Activ Elite and PP1.5 Elite are compatible ONLY with the Axis Elite
*PP2, PP4, and PP4+ Batteries are NOT compatible with the Axis Elite
*PP4+ Batteries are compatible ONLY with the Quest LED Headlight

LED Headlights

We Pride Ourselves On...

Scan here to learn more



POWER

Brightest lights,
longest battery life.



ANTIMICROBIAL PRODUCT PROTECTION

All headband pads are treated with antimicrobial technology powered by Microban®, for superior performance against growth of odor and stain causing bacteria.



DURABILITY

High-quality materials mean that Enova's headlights are built to last.

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



QUEST

Lightweight, High-Power

Illumination: 125,000-240,000 LUX

Spot Size: 3.25" to 5.25" (8.25cm to 13.3cm)

Total Weight: 10.7oz (303g)

Run-Time: Up to 10 hrs with a PP4+



This headlight is next level! Amazing illumination, comfortable and lightweight.

Dr. Terry Dubrow, MD, FACS

LED Headlights



QUANTUM

Exceptional Brightness

Illumination: 175,000-250,000 LUX

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

Total Weight: 12.3oz (348g)

Run-Time: Up to 10 hrs with a PP4

Available in Cool and Warm



QUASAR

Most Versatile & Popular

Illumination: 115,000-150,000 LUX

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

Total Weight: 6oz (170g)

Run-Time: Up to 20 hrs with a PP4

Available in Cool and Warm



QUBIT PRO

High-Powered & Economical

Illumination: 55,000-120,000 LUX

Spot Size: 3.6" (9.4cm)

Total Weight: 6.1oz (174g)

Run-Time: Up to 20 hrs with a PP4

Headband battery holder available

Motranser[®] Dental Mirrors

INNOVATIVE FUNCTIONALITY

Motranser mirrors feature innovative technology incorporated into each model. Each model is designed to meet the challenges faced in any modern dental practice.

All Motranser mirrors feature:

- Ultra High Definition Mirrors
 - 98% Reflectance Rate
- Alloy Coated Mirror Surface
 - Scratch and Chemical Resistant
- Autoclavable Handles
 - At least 300 cycles at 135° C

Features Include:



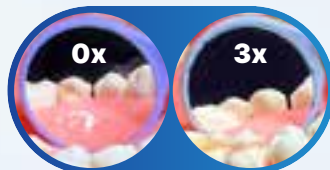
LED Illumination



Endo Gauges



Suction



Magnification



AirClean Anti-Fog



M7 Eva Suction

- Integrated Suction
 - 21 holes provide suction in all directions



We love the M7 Eva Suction mirrors because they combine high-visibility reflection with built-in suction, giving providers a clear, dry field without needing an extra hand! They improve ergonomics, save time, and elevate the patient experience with more efficient care.

L'Diamante Dental Coaches:

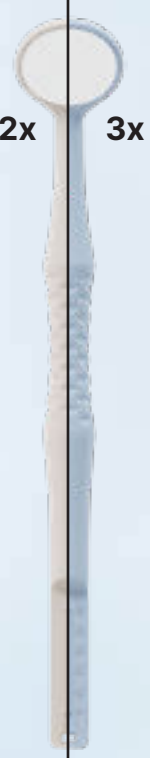
Danielle Avila, BSDH, RDH & **Laura Bettencourt**, BSDH, RDH

Motranser[®] Dental Mirrors



M1 Bright

- Integrated LED Illumination
- 65,000 LUX



M2 Mag

- Integrated Magnification
- 2x and 3x Available
- Integrated Endo Gauge



M2 Rainbow

- Integrated Magnification
- Integrated Endo Gauge



M3 Breeze

- Integrated AirClean Anti-Fog



M5 Mini

- Integrated AirClean Anti-Fog
- ø15mm Mirror Head

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



Futudent cameras have become an integral part of my practice and how we do things, how we document things, and how we communicate with each other during procedures.

Dr. Wayne Hollar, DDS

smartCam **4K** ULTRAHD



Resolution

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

Optics

Exchangeable UHD lenses 16/25mm

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 8/16/25mm

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 8/16/25mm

Features

Hands free USB foot control

Mounting Options

Loupe

Gooseneck/Flexible Arm

Dimensions

19×15.5×31.5mm

Weight

0.38oz (11g)

*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 distributor of Zumax[®] microscopes in the U.S. and Canada, bringing you the highest quality and the latest innovations.



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!



I can't believe that I haven't used a microscope throughout my career! Now I finally have the best piece of technology that exists for restorative dentistry, for education, and for any procedures! It's the best piece of equipment in my office right now.

Dr. Dean Vafiadis, DDS

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
- **Mounting Options:**
Floor Stand, Ceiling Mount, Wall Mount



**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
- **Mounting Options:**
Floor Stand, Ceiling Mount, Wall Mount



**Continuous
Zoom System**



**VarioScope Fine
Focus**



**Integrated 4K
Camera**

Zumax[®] Dental Microscopes

2050 R5

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
- **Integrated 4K Camera:** Seamlessly save, record and stream images/videos to your network and monitor(s)
*3D 4K camera optional
- **Mounting Options:**
Floor Stand, Ceiling Mount, Wall Mount, Tabletop



**Continuous
Zoom System**



Integrated LED



**Integrated 4K
Camera**

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
- **Mounting Options:**
Floor Stand, Ceiling Mount, Wall Mount, Tabletop



Integrated LED



VarioScope Fine Focus

Microscope 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.

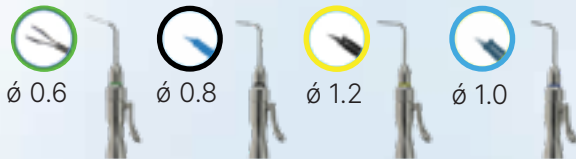
Kit Includes:

- 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.

Compatible with:

Most smartphones via universal adapter
iPad mini (6th and 7th Gen.)



enova[®]

DENTAL & SURGICAL TRAINING CENTER MINNEAPOLIS, MINNESOTA

The Enova Dental and Surgical Training Center offers a customizable approach:

- State-of-the-Art Facility
- Immersive, Hands-On Learning
- Fully-Equipped, Customizable Workstations
- Zumax Microscopes
- Dental Simulators
- Wide Array of Tools and Materials

“The Enova Training Center has got it right, they have state-of-the-art equipment at every workstation so that students can get the most out of their course!

Dr. William Nudera, DDS, MS





Tired of passive learning for your continuing education?

The Enova Training Center provides an unparalleled environment for practical training through **courses led by recognized leaders** in the dental, endodontic, hygiene, and veterinary dental communities.

This ensures participants receive instruction from the **very best in their fields** as they explore advanced endodontic, restorative, cosmetic, and general dentistry techniques.

Explore the dozens of courses offered each year at www.goenova.com/trainingcenter



**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

Visit our online store at store.goenova.com

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ISO 13485: 2016 Certified QMS
MDR Class 1 Certified

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Microban® is a registered trademark of Microban Products Company

Antimicrobial technology does not protect the user against disease-causing pathogens

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