



PRODUCT CATALOG

SURGEONS | DENTISTS | HYGIENISTS



OUR VISION | TABLE OF CONTENTS

At Orasoptic,™ our vision is that every healthcare procedure in the world will be performed with superior visualization, under the best ergonomic conditions for the clinician, in order to drive the best patient outcomes.

Recognized as a pioneer in medical vision for over 30 years, Orasoptic continues to offer healthcare professionals superior products that focus on magnification, illumination and ergonomics.

Our legacy of advanced product performance and clinician-first features has set the benchmark for quality craftsmanship, innovation and durability.

Each loupe is custom-crafted with meticulous precision in Middleton, Wisconsin and personalized to the individual user's facial geometry; ensuring optimal resolution across the widest and deepest field of view.

Engineered with performance and comfort in mind, Orasoptic loupes employ rich details such as adjustable nose pads, flexible temple hinges, anti-reflective lens coatings and working distances refined in half-inch increments. Additionally, steep declination angles allow for improved posture and help reduce strain.

Discover how Orasoptic continually shatters the status quo with award-winning optical innovations such as the EyeZoom™ loupe with three adjustable magnification levels, and the XV1™ loupe with a built-in headlight.

Loupes

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HDL™ 2.5 MICRO | LOUPES

Pushing the boundaries of a typical micro optic, the loupe provides a generous field of view with edge-to-edge clarity. The exceptionally small profile also allows for additional viewing space above the telescope.

MOUNTING OPTIONS

Through-the-Lens • Through-the-Flip • Flip-up

FRAME OPTIONS

Cloth Headband • Flak 2.0® • Legend™ • Rave™ • Revolution™ • Rigid Headband • Rydon™ • Victory™ • XV1™



SPECIFICATIONS

Series	Power	Working Distance	Field Width	Field Depth	Weight*
HDL Micro	2.5x	Customized up to each user	3.4" (8.75 cm)	7.0" (17.78 cm)	TTL 1.4 oz (39.7 g), Flip-up 1.8 oz (51.2 g)
HDL Macro	2.5x	Customized up to each user	4.0" (10.40 cm)	5.0" (12.70 cm)	TTL 1.8 oz (48.7 g), Flip-up 2.2 oz (50.7 g)

Each loupe package includes side shields, head strap, personalized storage case, prescription lens, optical screw driver and cleaning cloth.

*Measured on Orasoptic Victory frame

HDL™ 2.5 MACRO | LOUPES

Delivering an equivalent image quality to the HDL 2.5 Micro, the HDL 2.5 Macro offers a sizeable field width that allows instruments to easily be transitioned into the field of view with ease. This is an ideal loupe for first-time users to magnification veterans.

MOUNTING OPTIONS

Through-the-Lens • Through-the-Flip • Flip-up

FRAME OPTIONS

Cloth Headband • Flak 2.0® • Legend™ • Rave™ • Revolution™ • Rigid Headband • Rydon™ • Victory™ • XV1™



HDL™ 3.0 | LOUPES

Comparable to its predecessor, the HDL™ 2.5 Micro, this custom-crafted loupe boasts edge-to-edge clarity and a generous field of view. Compact and lightweight, this loupe is designed to deliver a comfort rarely associated with Galilean optics of equivalent magnification power.

MOUNTING OPTIONS

Through-the-Lens • Through-the-Flip • Flip-up

FRAME OPTIONS

Cloth Headband • Flak 2.0® • Legend™ • Rave™ • Revolution™
• Rigid Headband • Rydon™ • Victory™ • XV1™



SPECIFICATIONS

Series	Power	Working Distance	Field Width	Field Depth	Weight*
HDL	3.0x	Customized up to each user	3.1" (7.90 cm)	5.5" (13.97 cm)	TTL 1.7 oz (48.7 g), Flip-up 2.3 oz (65.3 g)

Each loupe package includes side shields, head strap, personalized storage case, prescription lens, optical screw driver and cleaning cloth.

*Measured on Orascope Victory frame



RDH ELITE™ | HYGIENE LOUPE

The RDH Elite™ is Orascoptic's first loupe with a singular focus on the dental hygiene industry. Designed by a team of both practicing hygienists and industry-recognized experts in ergonomics and infection control, the RDH Elite is centered on improving ergonomics and productivity.

MOUNTING OPTIONS

Through-the-Lens • Flip-up

FRAME OPTIONS

Iconic • Sport



ERGONOMIC FOCUS

Accommodates steep telescope declination for proper posture.

OPTIMAL FIELD OF VIEW

Encompasses a field width and depth recommended for dental hygiene professionals.

INFECTION PROTECTION

Deep carrier lens and custom-designed side shields provide additional protection from debris and backsplash.

FASHIONABLE

Iconic frame styles feature interchangeable temple tips and color emblems allowing you to add your own personal style.

SPECIFICATIONS

Series	Power	Field Width	Field Depth	Working Distance	Weight*
RDH Elite	2.5x	4.0" (10.16 cm)	6.0" (15.24 cm)	Customized to each user	TTL 1.7 oz (48.0 g) Flip-up 2.0 oz (58.0 g)

Each loupe package includes side shields, head strap, personalized storage case, prescription lens, optical screw driver and cleaning cloth.

*Measured on RDH Elite Iconic frame.



Black



Pink



Purple



EYEZOOM™ & EYEZOOM MINI | ADJUSTABLE MAGNIFICATION LOUPES

FIRST & ONLY LOUPES TO OFFER MULTIPLE MAGNIFICATION POWERS



SPECIFICATIONS

Series	Power	Field Width	Field Depth	Working Distance	Weight*
EyeZoom	3x	4.0" (10.16 cm)	4.0" (10.16 cm)	Customized to each user	3.4 oz (97.5 g)
	4x	3.25" (8.26 cm)	3.25" (8.26 cm)		
	5x	2.5" (6.35 cm)	2.5" (6.35 cm)		

Series	Power	Field Width	Field Depth	Working Distance	Weight*
EyeZoom Mini	2.5x	4.0" (10.16 cm)	4.0" (10.16 cm)	Customized to each user	2.6 oz (73.7 g)
	3.5x	3.2" (8.10 cm)	3.2" (8.10 cm)		

*Measured on Orasoptic Victory frame.

Each loupe package includes side shields, head strap, personalized storage case, prescription lens, optical screw driver and cleaning cloth.

*Measured on Orasoptic Legend frame.



Developed to assist healthcare professionals view an operating site from multiple perspectives, the loupe conforms to fit each user's individual preference.

MOUNTING OPTIONS

Through-the-Lens

FRAME OPTIONS

Legend™ · Rave™ · Rydon™ · Victory™ · XV1™



ADJUSTABLE MAGNIFICATION - EYEZOOM

3-step variable magnification technology



ADJUSTABLE MAGNIFICATION - EYEZOOM MINI

2-step variable magnification technology



QUALITY ENGINEERING

Optics co-engineered by Orasoptic™ and Konica Minolta®



No Magnification

3x

4x

5x



No Magnification

2.5x

3.5x

Patent Pending. Konica Minolta® is a registered trademark of Konica Minolta, Inc. Used with permission.



HDL™ PRISMS | LOUPES

PRISMATIC EXPANDED FIELD LOUPES

Ranging from 3.5x to 5.5x, these loupes are designed for healthcare professionals who perform exacting procedures. The HDL prisms enable precise interactions, enhanced visibility and provide a customizable declination angle that accommodates various surgical procedures. The compact design and brushed metallic finish of the telescope offers an aesthetically pleasing element to this medical device.

MOUNTING OPTIONS

Through-the-Lens • Flip-up

FRAME OPTIONS

Cloth Headband • Legend™ • Rave™ • Revolution • Rigid Headband • Rydon™ • Victory™ • XV1™

SPECIFICATIONS

Series	Power	Working Distance	Field Width	Field Depth	Weight*
HDL	3.5x	Customized to each user	3.5" (8.9 cm)	3.6" (9.1 cm)	TTL 2.4 oz (67.5 g)
	4.5x	Customized to each user	2.9" (7.5 cm)	2.6" (6.7 cm)	TTL 2.5 oz (71.5 g)
	5.5x	Customized to each user	2.5" (6.4 cm)	2.3" (5.9 cm)	TTL 2.6 oz (74.4 g)

Each loupe package includes side shields, head strap, personalized storage case, prescription lens, optical screw driver and cleaning cloth.

*Measured on Ulrascoptic Victory frame



HDL 3.5



HDL 4.5



HDL 5.5



LASER LOUPES

Designed for clinicians participating in or performing laser procedures, the loupe offers eye protection and magnification in a single lightweight product. A virtually clear glass filter is built into the telescopes, while a tinted polycarbonate filter is baked into the carrier lenses.

MOUNTING OPTIONS

Through-the-Lens

FRAME OPTIONS

HiRes™ 2 – Legend™ • Rydon™ • XV1™

HiRes Plus™ 3L, 3H, 4L, 4H – Legend™ • XV1™

For a complete overview of the HiRes 2 and HiRes Plus telescopes, visit Orascopic.com/Loupes.

BLUE WAVE LENGTH FILTERS

800-830 nm • 940-980 nm • 1,064 nm • 2,780-2,940 nm • 10,600 nm

CLEAR WAVE LENGTH FILTERS

2,780-2,940 nm • 10,600 nm

Each laser loupe package includes black side shields, protective lens caps, head strap, prescription lens and personalized storage box.



ICONIC | FRAMES

LEGEND™



MATERIAL

Aluminum

MOUNTING OPTIONS

Through-the-Lens • Flip-up

LENS OPTIONS

Standard • Deep B

SIZES

Small • Medium • Large

*Unlimited prescriptions



Black



Blue



Merlot



Slate



Twist

VICTORY™



MATERIAL

Titanium

MOUNTING OPTIONS

Through-the-Lens • Flip-up

SIZES

Small • Medium • Large

*Unlimited prescriptions



Black



Blue



Merlot



Slate



HEADBAND | FRAMES

RIGID HEADBAND



This durable and lightweight headband offers tension control for the top and circumference of the head.

MOUNTING OPTIONS

Flip-up • Headlight

SIZE

One Size

LOUPE OPTIONS

HDL™ 2.5 Micro & Macro • HDL 3.0
• HDL Prisms

CLOTH HEADBAND



This simple elastic fabric headband offers a sliding mount that can support telescopes or a headlight.

MOUNTING OPTIONS

Flip-up • Headlight

SIZE

One Size

LOUPE OPTIONS

HDL™ 2.5 Micro & Macro • HDL 3.0



SPORT | FRAMES

OAKLEY FLAK 2.0®



MATERIAL

Oakley® O-Matter

MOUNTING OPTIONS

Through-the-Lens

SIZES

One Size

*Wide range of prescriptions, including bifocals

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Black

RUDY PROJECT RAVE™
Technically Cool



MATERIAL

Advance Carbon, Magnesium, Silicium, Grilamid & Titanium

MOUNTING OPTIONS

Through-the-Lens · Flip-up

SIZES

One Size

*Wide range of prescriptions, including bifocals



Black



Blue



Carbon



Merlot



Platinum



Tortoise



RUDY PROJECT TECHNOLOGY COOL **REVOLUTION™**



MATERIAL

Grilamid & Alpaca

MOUNTING OPTIONS

Through-the-Flip

SIZES

One Size

*Unlimited prescriptions via insert



Black

RUDY PROJECT TECHNOLOGY COOL **RYDON™**



MATERIAL

Advance Carbon, Magnesium,
Silicium, Grilamid & Titanium

MOUNTING OPTIONS

Through-the-Lens • Flip-up

SIZES

One Size

*Wide range of prescriptions, including bifocals



Black



Blue



Carbon



Merlot



Platinum



Tortoise



XV1™ | LOUPE + LIGHT

Designed with a perfect synergy between magnification and illumination, the XV1™ is the first and only cordless loupe and headlight in one. Employing our lightest weight headlight, the frame consists of no exterior cabling and utilizes battery packs in the temple tips as a power source.



Black



Blue



Merlot



Steel



White



SPECIFICATIONS

Series	Power	Weight	Light Intensity	Battery Life (4)	Charging Time
XV1	2.5x	5.70 oz (161.7 g)	Low: 42 Lumens High: 68 Lumens	10 hours on low 6 hours on high	<2 hours

Each XV1 Loupe includes a power supply, charger, 4 rechargeable batteries, carrying case, 2 optical screwdrivers, cleaning cloth, and curing filter.
All Orascoptic telescope models can be mounted on the XV1 frame.



SPARK™ | CORDLESS HEADLIGHT

The Spark is a self-contained cordless headlight that integrates with virtually any loupe or eyewear frame style. Featuring an innovative, patent-pending design, the Spark dispenses weight evenly across the bridge of a frame minimizing concentrated facial pressure.

UNIFORM SPOT

A precise focused light provides enhanced visibility during procedures.

BLUE LIGHT COMPLIANT

Maintains compliance with blue light testing standards for safety set by the International Electrotechnical Commission (IEC).

ADVANCED CAPACITIVE TOUCH CONTROLS

Power light on and off with ease in between procedures and patient consultations.

VERSATILE POWER CHARGER

A micro USB charger offers added convenience for charging on the go.



SPECIFICATIONS

Series	Light Intensity	Headlight Weight	Battery Type	Battery Life (2)	Charging Time
Spark	32 Lumens	1.12 oz (31.8 g)	Lithium Ion	6 hours	2 hours



ENDEAVOUR™ | HEADLIGHT

Our second generation of the Endeavour headlight, this portable system provides a precise focused beam of light that distributes light evenly across the field of view. Convenient capacitive touch controls allow the user to quickly adjust light settings without reaching into one's jacket pocket.

UNIFORM SPOT

The homogenous round spot distributes light evenly across the field of view.

CONSTANT-CURRENT TECHNOLOGY

Brightness will not diminish during the run-time of the battery pack.

ADVANCED CAPACITIVE TOUCH CONTROLS

Quickly adjust light settings without having to reach into a coat or pants pocket.

MULTIPLE LIGHT LEVELS

Delivers 3 light intensity levels up to 68 lumens.



SPECIFICATIONS

Series	Light Intensity	Intensity Control	Headlight Weight	Battery Type	Battery Weight	Battery Life	Charging Time
Endeavour	33/51/68 Lumens	Capacitive touch up to 68 Lumens	0.38 oz (10.8 g)	Lithium Ion	6.8 oz (132.7 g)	Up to 10 hours	Up to 3.5 hours



DISCOVERY™ HEADLIGHT

The Discovery is our brightest portable headlight system; providing a precise focused light to help you navigate your work area and illuminate critical details that can be missed by the naked eye. When coaxially mounted to your loupes, the system eliminates shadows from the operating field.

CONVENIENT DESIGN

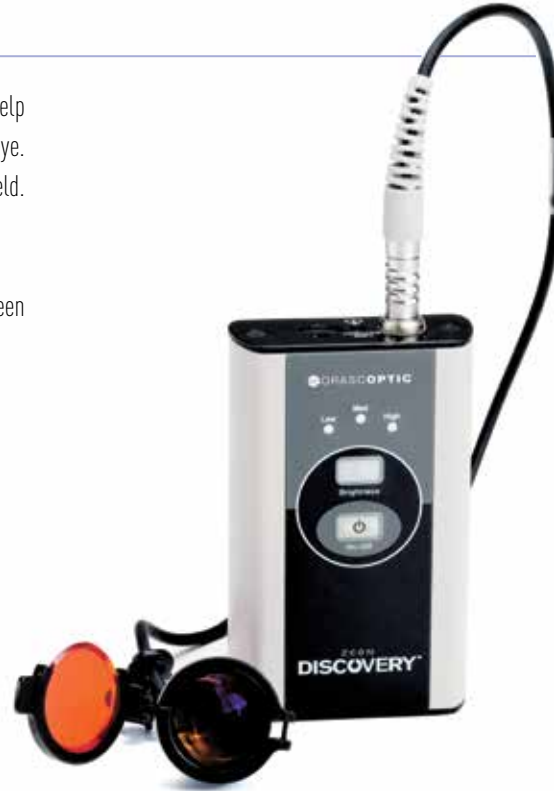
The sleek battery pack design and absence of knobs, allows clinicians to easily toggle between light intensities.

CONSTANT-CURRENT TECHNOLOGY

Brightness will not diminish during the run-time of the battery pack.

MULTIPLE LIGHT LEVELS

Delivers 3 light intensity levels up to 7,000 foot candles.



SPECIFICATIONS

Series	Light Intensity	Intensity Control	Headlight Weight	Battery Type	Battery Weight	Battery Life	Charging Time
Discovery	3000/5000/7000 ft cd	3 intensity levels	0.6 oz (18.1 g)	Lithium Ion	9.6 oz (273.3 g)	Up to 17 hours	Up to 3 hours



SAFETY PRODUCTS

LEADED GLASSES



Black



Red



Silver

MATERIAL

Grilamid

SIZES

One Size

Leaded protection is recommended for any procedure where radiation is present.

SAFETY GLASSES



Black

MATERIAL

Plastic

SIZES

One Size

Safety glasses support all prescription and non-prescription lens and also offer headlight compatibility.



EYESPY™ | MOUTH MIRROR

The EyeSpy mouth mirror renders brilliant visual details in hard to see areas of the oral cavity.

BRILLIANCE

Utilizing a proprietary lens coating, the image appears **40% brighter than Rhodium mirrors.**

ERGONOMIC DESIGN

A lightweight design enhances the user's level of comfort and control.

EASE OF CLEANING

A flush lens prevents corrosion build-up, while its ability to be autoclaved makes for a quick sterilization process.

DURABILITY

A scratch-resistant lens helps extend the life of the mirror and provides a blemish free image.

The EyeSpy mouth mirror is available for purchase in packs of 12.



ORASCOPTIC | GLOBAL

At Orascoptic™ we strive to provide healthcare professionals with superior visualization regardless of their geographic location. Headquartered in the United States, Orascoptic also operates offices in the United Kingdom and Australia.

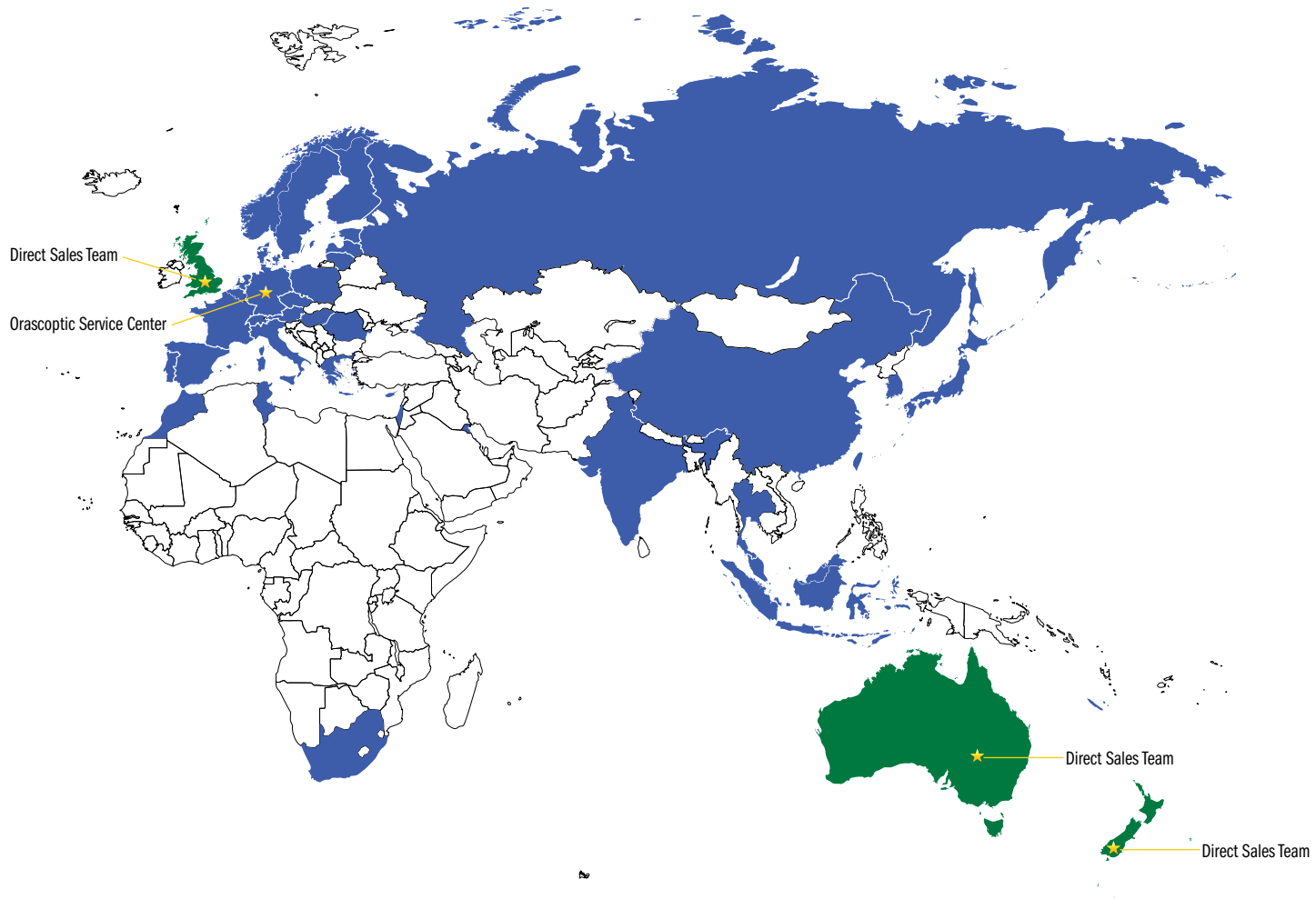
Accessibility is a necessity, and with direct international sales teams in Australia, Canada and the United Kingdom as well as a network of international distributors in other regions of the world; we have given healthcare professionals the opportunity to acquire products with ease.



All loupes are custom-crafted in the United States.

	International Distributors
	Direct Sales Team





 **ORASCOPTIC** | SUPERIOR VISUALIZATION

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