

# Treating with precision.



**ZEISS EyeMag Medical Loupes**



[zeiss.com/loupes](https://zeiss.com/loupes)

Seeing beyond



# ZEISS EyeMag Medical Loupes



## Redesigned Optics

Seeing tiny anatomical structures in detail is essential for a successful treatment. Clear and sharp images are what the wearers expect. The high-quality ZEISS optics enable precise visual presentation down to minute details. They provide excellent optical performance and a wide range of magnification to cover all your needs.



## Personal Choice

Just like a pair of glasses, medical loupes are not only a tool, but they are also a statement of your individual style. Both Galilean and Kepler optic designs are available in through-the-lens or flip-up versions and can be paired with lightweight frames in a variety of different colors. You can also complement your medical loupe with the powerful lighting of the ZEISS EyeMag Light II.



## Intuitive Handling

ZEISS medical loupes allow you to adapt to the respective situation. Simply put on your pair of TTL medical loupes and you are good to go. When using the flip-up medical loupes, the eyepieces can be repositioned precisely with a single adjustment or even flipped up entirely for eye contact with your patient when magnification is not needed.

# ZEISS EyeMag Medical Loupes

As individual as your needs

EyeMag® medical loupes from ZEISS offer excellent optical performance for first-time and experienced users. Equipped with LED illumination, the visualization tools provide great image clarity and depth of field over

the entire treatment area. Easy to use and comfortable to wear, ZEISS EyeMag medical loupes combine elegance with functional design in a wide range of working distances and magnification levels.



## ZEISS EyeMag Smart TTL

- Through the lens, the optical systems are mounted into the carrier lenses
- With 2.5x or 3.0x magnification
- Available with titanium eyeglass frames in various colors
- Individual prescription values within system
- Ideal for users with basic magnification requirements and who need large field of view



## ZEISS EyeMag Classic

- Individualized medical loupe, the optical systems are mounted on the carrier lenses surface
- With 2.0x or 2.5x magnification
- Available with titanium eyeglass frames in various colors
- Individual prescription values within system
- Attractively-priced entry model, ideal for users with basic magnification requirements or students



## ZEISS EyeMag Light II

- Combined with high-quality ZEISS optics, the powerful ZEISS EyeMag Light II provides crisp detail recognition and an unaltered view of tiny structures
- Perfect fit for all ZEISS EyeMag medical loupes



#### **ZEISS EyeMag Smart**

- Flip-up
- With 2.5x magnification
- Available with titanium eyeglass frame or sports frame
- Ideal for users with basic magnification requirements and need for flexible angle change during usage



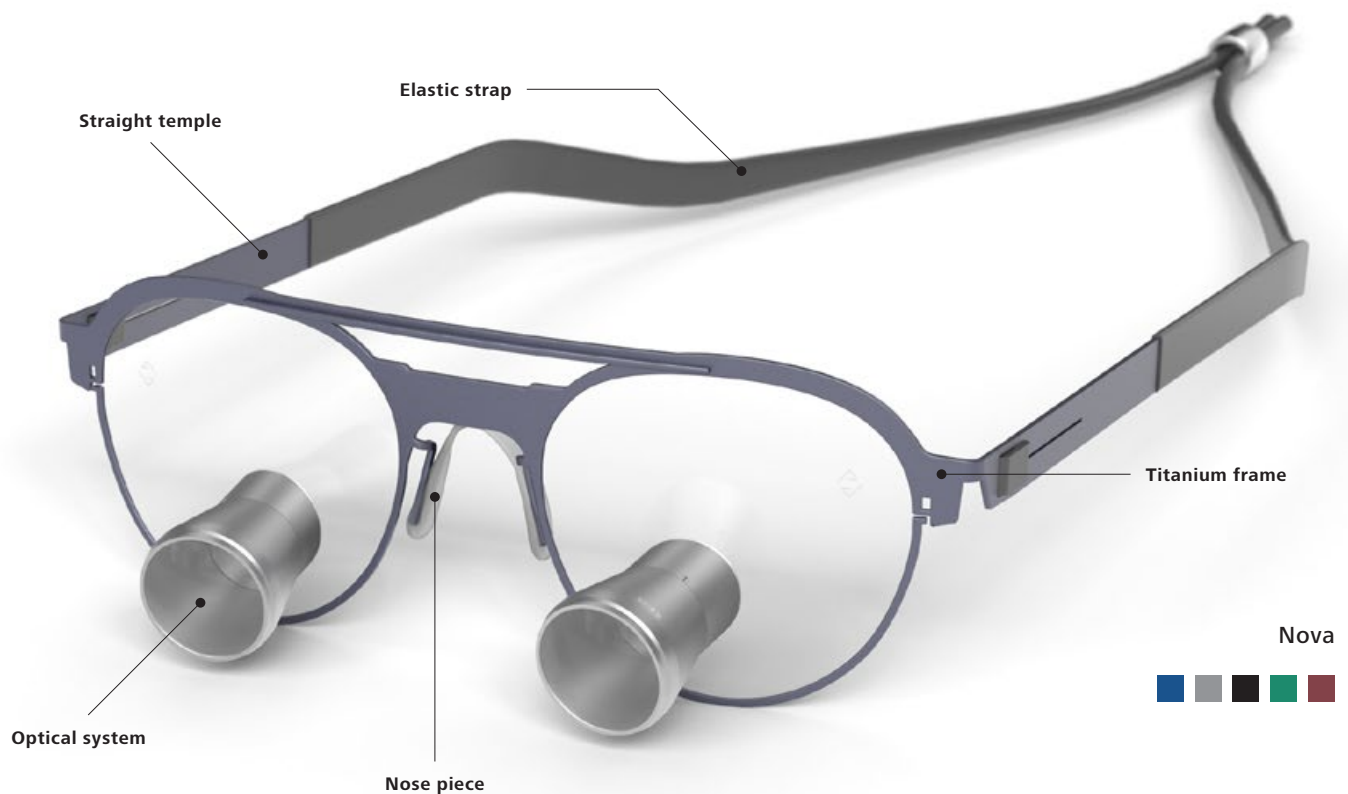
#### **ZEISS EyeMag Pro F and ZEISS EyeMag Pro S**

- Flip-up
- With magnification from 3.2x to 5.0x
- Available with titanium eyeglass frame or comfortable elastic strap
- Ideal for users with high magnification needs and require flexible angle change during usage

# ZEISS EyeMag Classic

Available with 2.0x or 2.5x magnification and Galilean optics, the ZEISS EyeMag Classic is the lightest model of all the ZEISS medical loupes. Mounted on the surface of the carrier lens, the customized optical systems provide clear visualization of minute details as well

as structures and are precisely customized precisely to your prescription. The ZEISS EyeMag Classic is an ideal system for medical students and professionals without previous loupe experience, who prefer a model that is particularly light in weight.





### EyeMag Classic – Optical Properties

| Magnification          | 2,0x |     |     |     |     | 2,5x |     |     |     |     |
|------------------------|------|-----|-----|-----|-----|------|-----|-----|-----|-----|
| Working distance in mm | 300  | 350 | 400 | 450 | 500 | 350  | 400 | 450 | 500 | 550 |
| Field of view in mm    | 52   | 60  | 68  | 76  | 84  | 49   | 55  | 61  | 67  | 74  |

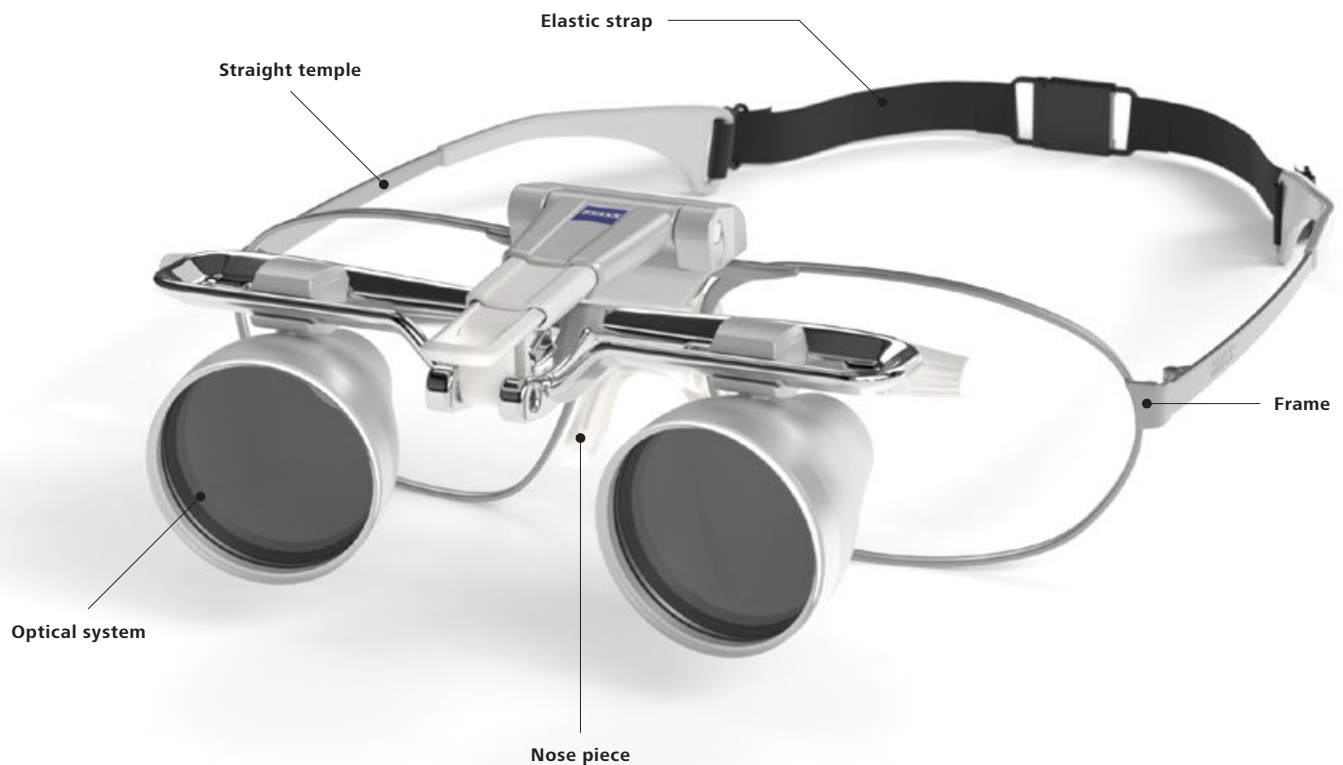
Choose between these different frame and color options:



# ZEISS EyeMag Smart

With 2.5x magnification, ZEISS EyeMag Smart medical loupes provide images with impressive color rendering of anatomical structures. They feature Galilean optics, which, when magnification is not needed, can simply be flipped up, offering the wearer an unobstructed view. Available in lightweight titanium or sports frames, ZEISS EyeMag Smart

medical loupes feature a range of settings for flexible tilt and angle views and a comfortable, ergonomic fit. Quick and easy to adjust, the medical loupe settings remain stable at the selected position. The result: the ZEISS EyeMag Smart is a great choice for users requiring a compact, and easy-to-operate medical loupe.





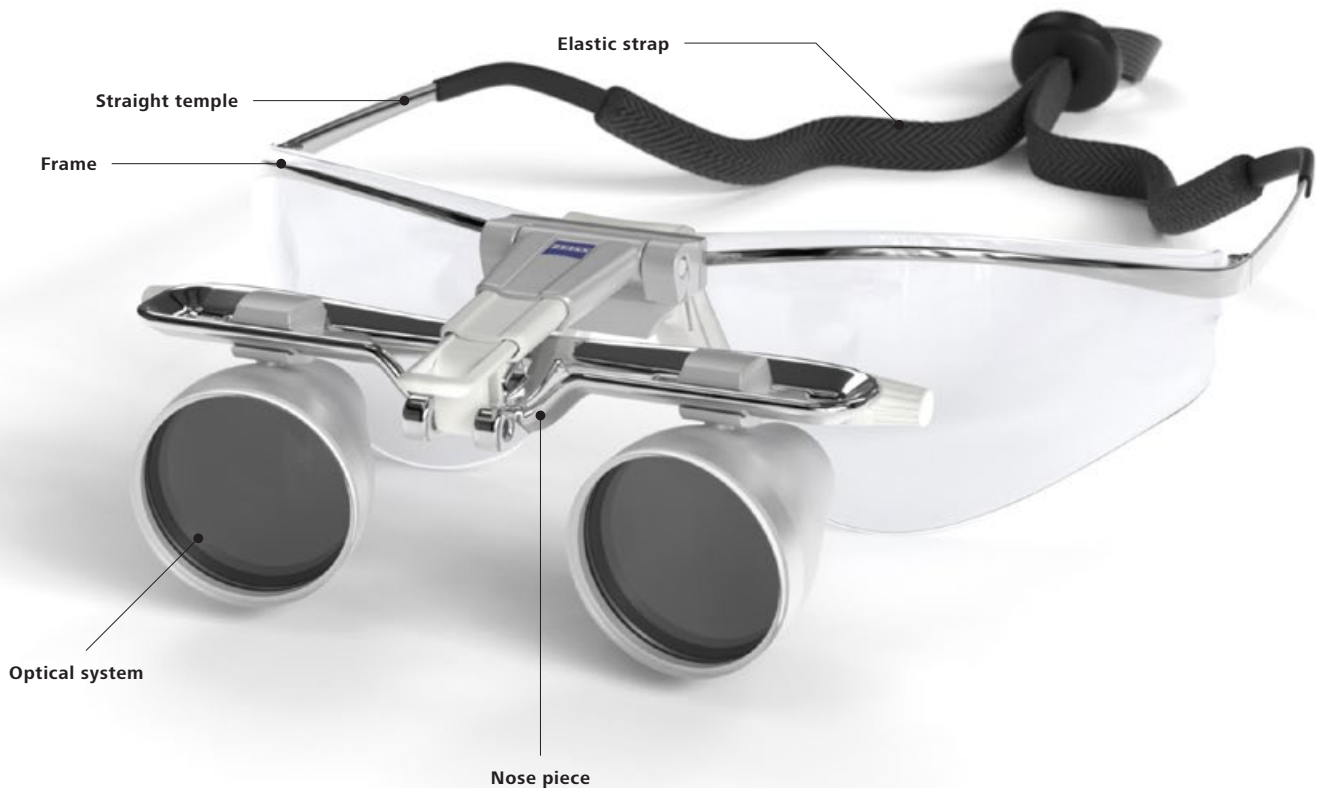
### EyeMag Smart – Optical Properties

|                        |      |     |     |     |     |
|------------------------|------|-----|-----|-----|-----|
| Magnification          | 2,5x |     |     |     |     |
| Working distance in mm | 300  | 350 | 400 | 450 | 550 |
| Field of view in mm    | 67   | 77  | 86  | 96  | 115 |

### Sports frame

Style, function and comfort

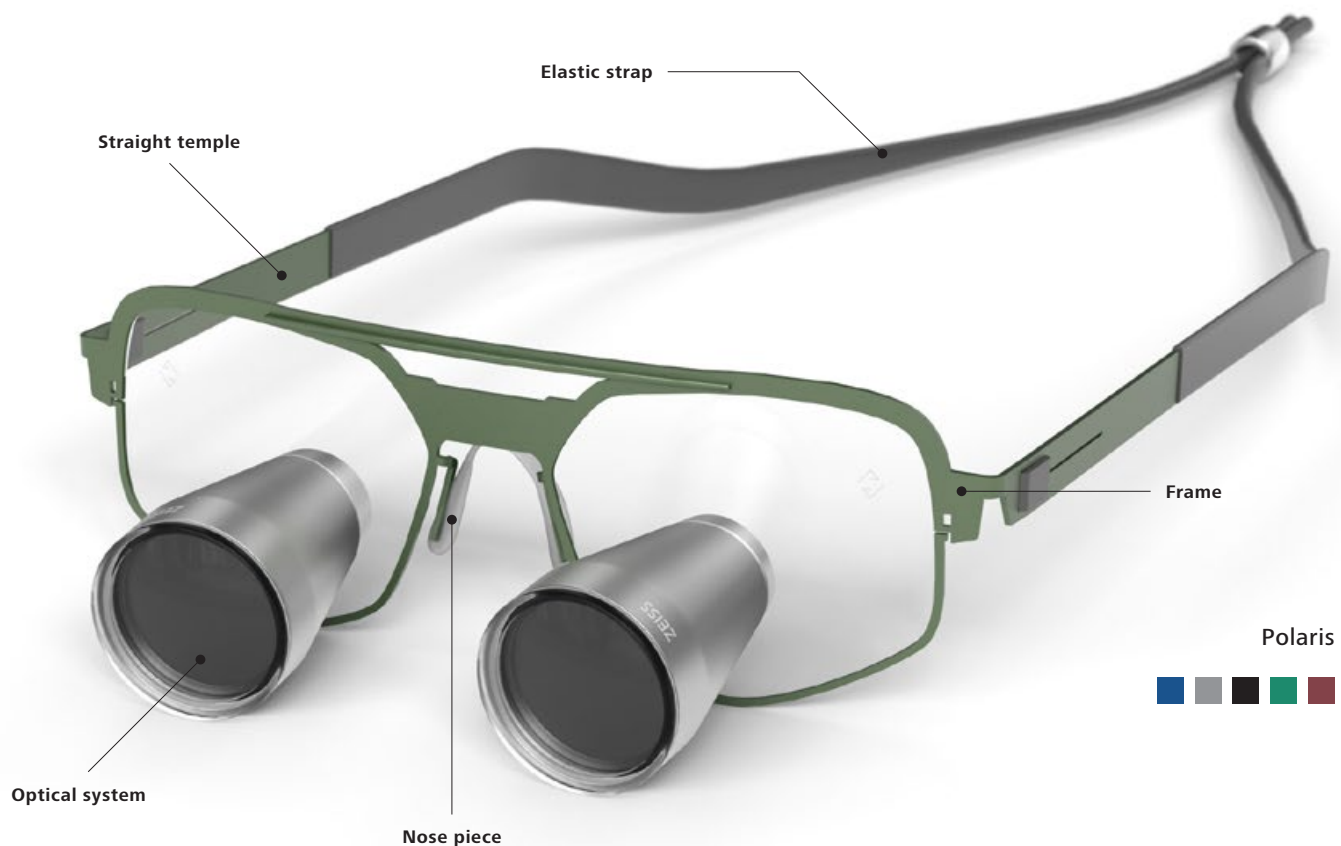
ZEISS EyeMag Smart medical loupes are also available with a compact, lightweight and stylish sports frame, providing good wearing comfort during longer procedures. The curved lens design protects the wearer against splash and debris.



# ZEISS EyeMag Smart TTL

Featuring 2.5x or 3.0x magnification and Galilean optics, ZEISS EyeMag Smart TTL provides a large field of view with very good detail resolution and deep depth of field over the entire area of application. Each system is a

tailor-made solution, based on the individual data of the user, and can include the personal prescription if needed. They are ideal for users with lower magnification needs who want a customized TTL system.



### EyeMag Smart TTL – Optical Properties

| Magnification          | 2,5x |     |     |     |     | 3,0x |     |     |     |     |
|------------------------|------|-----|-----|-----|-----|------|-----|-----|-----|-----|
| Working distance in mm | 350  | 400 | 450 | 500 | 550 | 350  | 400 | 450 | 500 | 550 |
| Field of view in mm    | 70   | 78  | 87  | 96  | 105 | 54   | 60  | 80  | 92  | 104 |

Choose between these different frame and color options:



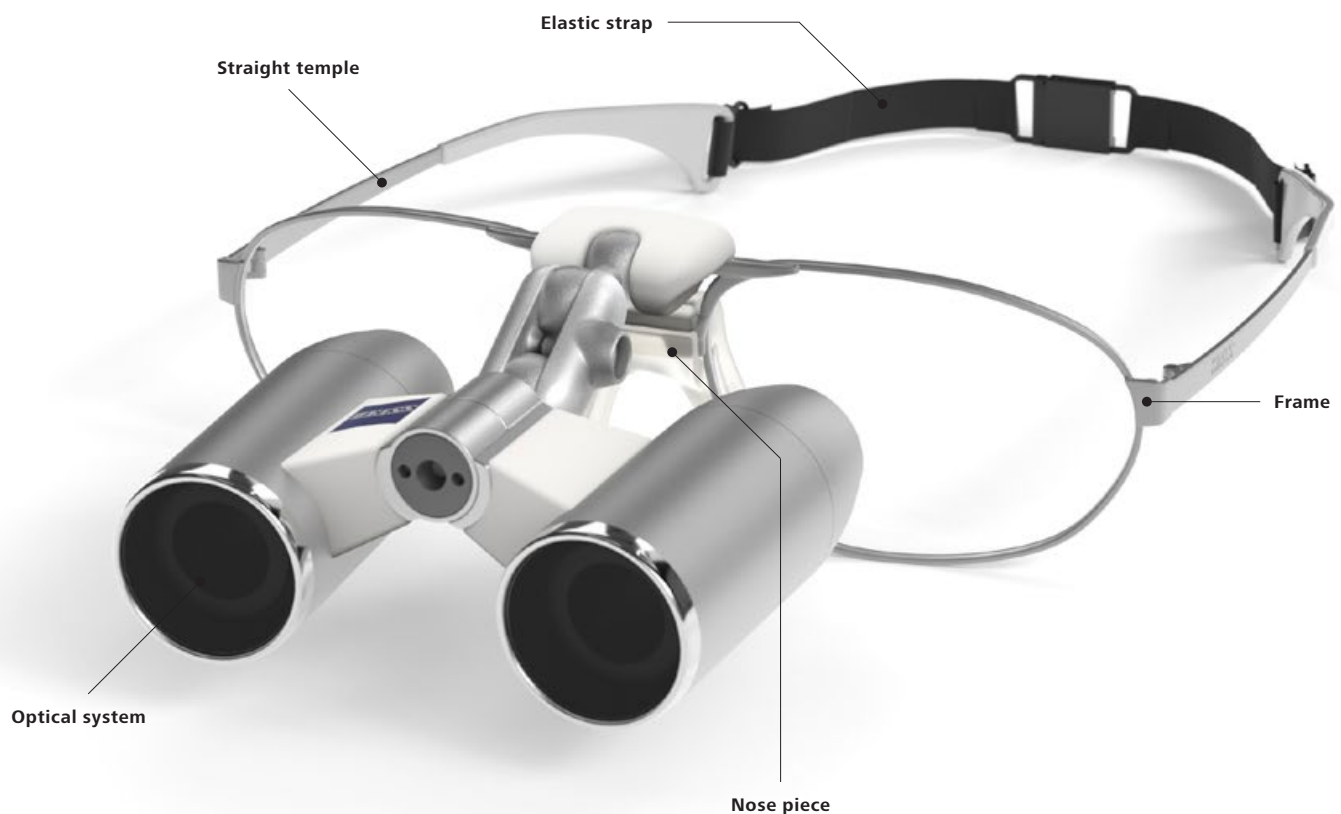
# ZEISS EyeMag Pro

Experienced users with higher magnification needs will appreciate the advanced visualization capabilities of the ZEISS EyeMag Pro featuring Kepler optics. Available in various magnification levels from 3.2x to 5x, ZEISS EyeMag Pro medical loupes provide high-contrast stereoscopic images with edge-to-edge sharpness for detail recognition and differentiation. The optics can simply be flipped up when magnification is not needed.

Mounted on either a lightweight titanium eyeglass frame (ZEISS EyeMag Pro F) or with a headband carrier system (ZEISS EyeMag Pro S), the medical loupes offer settings for a wide range of tilt and angle views while supporting a comfortable, ergonomic working position. Adjustments can be made quickly and easily and remain stable at the selected position. ZEISS EyeMag Pro is available with two different system carriers.

## ZEISS EyeMag Pro F

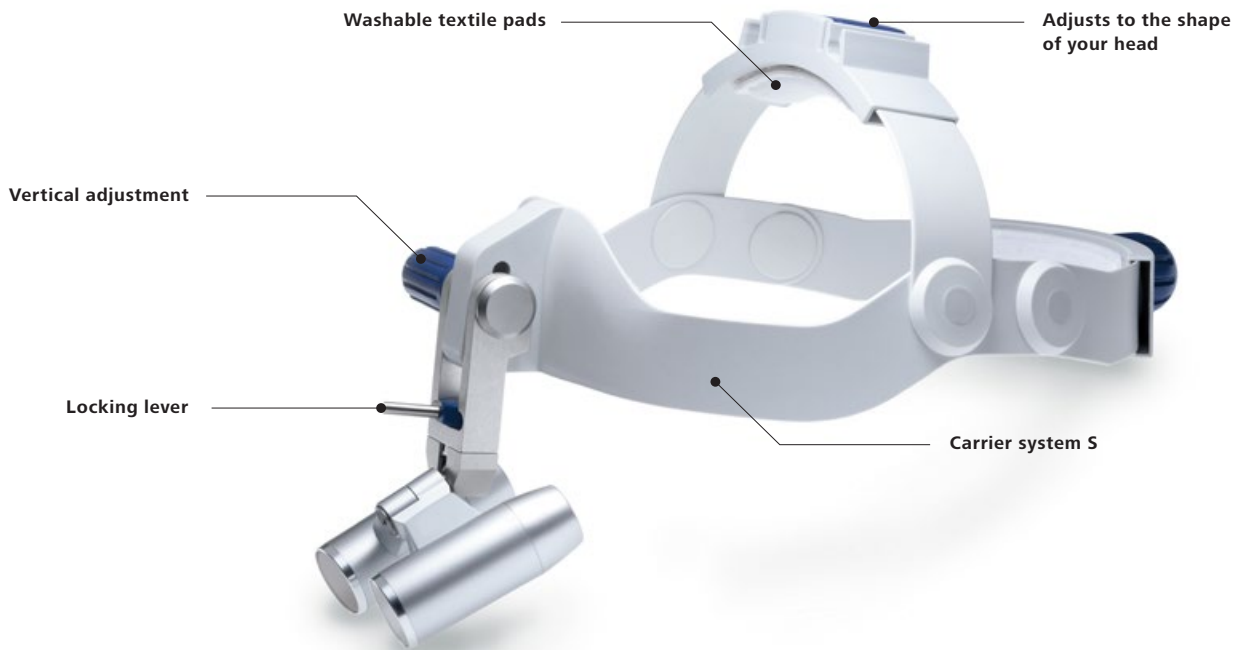
with titanium frame



### EyeMag Pro F/S – Optical Properties

|                        |      |      |      |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|------|------|------|
| Magnification          | 3,2x | 3,3x | 3,5x | 3,6x | 4,0x | 4,0x | 4,0x | 4,3x | 4,5x | 5,0x |
| Working distance in mm | 500  | 450  | 400  | 350  | 300  | 500  | 450  | 400  | 350  | 300  |
| Field of view in mm    | 115  | 100  | 86   | 71   | 56   | 93   | 81   | 68   | 56   | 44   |

### ZEISS EyeMag Pro S with carrier system S



## ZEISS EyeMag Light II

The powerful lighting of the ZEISS EyeMag Light II provides intense illumination for high detail recognition. Combined with high-quality ZEISS optics, the LED illumination can support a clear, sharp view of tiny details and structures thanks to its close resemblance to daylight and even distribution of light. Two powerful

rechargeable battery packs and a charging cradle are part of the standard package allowing practically interruption-free work – 24/7. Its compact, portable, and ergonomic design provides maximum comfort in daily use for a wide range of procedures.





**Illumination as needed – flexible and mobile**



*In combination with ZEISS EyeMag medical loupes, EyeMag Light II offers almost coaxial light, resulting in minimal shadow formation.*



*Swing-in orange filter for ZEISS EyeMag Light II prevents premature curing of composite materials.*



*Two rechargeable battery packs come with a convenient charging cradle for practically interruption-free work.*

**Single button**

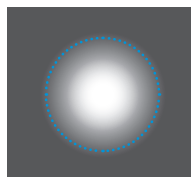
3-step intensity control. The light intensity setting can be switched in steps of 33%, 66% and 100%

**Charge level indicator**

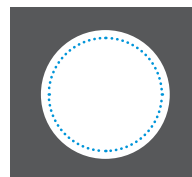
**Practical belt clip** for freedom of movement



■ Battery uptime  
■ Battery charge time



*Conventional system*



*ZEISS EyeMag Light II*

Unlike illuminations with conventional lens configurations, ZEISS EyeMag Light II offers with its clearly defined illuminated field even and powerful illumination across the entire field of view of your ZEISS loupes.

..... Field of view

# Configurations & Accessories

## EyeMag family from ZEISS

| Product                               | ZEISS<br>EyeMag Classic                                       | ZEISS<br>EyeMag Smart | ZEISS<br>EyeMag Smart TTL                                     | ZEISS<br>EyeMag Pro F | ZEISS<br>EyeMag Pro S |
|---------------------------------------|---|-----------------------|---|-----------------------|-----------------------|
| <b>Optics</b>                         | Galilean  | Galilean              | Galilean  | Kepler                | Kepler                |
| <b>Frames</b>                         | STMS<br>Nova<br>Polaris<br>Sirius<br>Felis<br>Hoshi<br>Realta | STMS<br>Strator       | STMS<br>Nova<br>Polaris<br>Sirius<br>Felis<br>Hoshi<br>Realta | STMS                  | Carrier system S      |
| <b>Protective caps</b>                | –   | ●                     | ●   | ●                     | ●                     |
| <b>Contact guard</b>                  | –   | ●                     | –   | ●                     | ●                     |
| <b>Side shields</b>                   | only for STMS frame   |                       |   |                       |                       |
| <b>Soft case</b>                      | ●   | ●                     | ●   | ●                     | ●                     |
| <b>Loupe bag</b>                      | ●   | –                     | ●   | –                     | –                     |
| <b>Microfiber lens cleaning cloth</b> | ●   | ●                     | ●   | ●                     | ●                     |
| <b>Lens cleaning spray</b>            | ●   | –                     | ●   | –                     | –                     |
| <b>Personal prescription</b>          | ○   | ○                     | ○   | ○                     | –                     |

● included ○ possible – not available

**ZEISS EyeMag Light II – Standard delivery package of ZEISS EyeMag Light II**

|  |   |
|--|---|
| Bulb housing                                     | Powerful LED light source with integrated temperature control   |
| Control unit                                     | With 3-step intensity control (on three levels 100%, 66%, 33%), charge level indicator and belt clip                    |
| Adapter for ZEISS loupes                         | To attach the ZEISS EyeMag Light II LED illumination to to all ZEISS EyeMag medical loupes                              |
| Cable clip                                       | To connect the lamp cable to the carrier  |
| Soft case  | High-quality, shock-proof protection for your light source and accessories  |
| Swing-in orange filter for ZEISS EyeMag Light II | To prevent premature curing of composite materials for dental application   |
| Light intensity                                  | Up to 50,000 Lux (at distance of 300 mm)  |
| Typical color temperature                        | Resembles daylight (approx. 5,700 Kelvin)   |
| Weight of illumination head                      | 19 g (0.6 oz)   |
| 2 batteries                                      | 2 lithium-ion batteries for fast charging   |
| Battery charger                                  | Processor controlled with country-specific power adapter  |
| Operating time                                   | Thanks to their short charge times the two battery packs enable continuous usage of the light during the entire workday |







EyeMag medical loupes  
EyeMag Light II



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