EyeMag Loupes
Seeing is believing
EyeMag Medical Loupes
Precision at first sight

EyeMag® Medical Loupes from Carl Zeiss combine high-quality optics with a sophisticated design. Precision optics ensure clear visualization of anatomical micro-structures. The result: increased efficiency and elevated levels of care. The large selection of working distances and magnification levels enable you to select the right loupes for your specific application needs. This product offering flexibility allows you to always work in an ergonomic and comfortable position, resulting in reduced fatigue and eyestrain. In addition to their elegant and functional design, EyeMag loupes are intuitive and easy to use.

The EyeMag product line was developed in close cooperation with surgeons, ensuring a solution that is efficient, reliable, and comfortable for everyday use.

EyeMag Smart
More than meets the eye

With a 2.5x magnification, EyeMag Smart loupes are ideal for applications where a large field of view is a requirement. See the whole picture with stunning detail. Its intuitive operation makes EyeMag Smart particularly attractive for first-time users and where fast and easy operation counts.

EyeMag Pro F and EyeMag Pro S
Professional optics for higher visualization standards

EyeMag Pro is the loupe of choice for those medical professionals with high magnification requirements. The magnification levels of the optical systems range from 3.2x to 5x. Two carrier system options are available: titanium eyeglass frame (F) or comfortable headband (S).
EyeMag Smart
See the whole picture with stunning detail

With 2.5x magnification, EyeMag Smart loupes provide large fields of view, enabling you to always see the whole picture. Choose from five configurations ranging from 300 to 550 mm depending on your individual working distance. The loupe system, delivered on a lightweight titanium eyeglass frame, is easy and intuitive to operate, making it particularly attractive to first-time users.

Optical quality in an elegant design
The optical quality of EyeMag Smart loupes delivers precise images with good color fidelity extending to the peripheral zones. Excellent depth of field ensures clear visualization of anatomical structures in deeplying channels. The large fields of view provide an optimized view of the working area. In addition to optical quality, the compact loupes feature an attractive, modern design.

Flip-up function
Unobstructed vision and eye contact with your patients with a single adjustment

Telescopic rail
Position the eyepieces in seconds with a single adjustment

High-quality surface
Resistant to standard disinfectants

Full anti-reflective lens protection

Optical systems

Adjustment of eyepiece tilt
Fast adjustment to desired viewing angle – even in extreme treatment positions

Lens protection device
Shields the objective lens against tissue debris for increased protection. Features high-quality, scratch-proof Carl Zeiss AR coating

Setting the interpupillary distance (PD)
Fast binocular setting of your personal PD

Soft nose bridge
Comfortable fit and maximum wearing comfort

Titanium eyeglass frame
Neutral lenses that protect against splashes and particles. Prescription lenses can be integrated at any time. Side shields can also be attached.
Ready for use in seconds
The range of tilt and angle of declination settings make EyeMag Smart loupes particularly quick and intuitive to operate. The loupes can be adjusted to meet your treatment needs in a matter of seconds. You can position the distance of the eyepieces and change the tilt angle quickly and easily with a single adjustment. The flip-up function facilitates unobstructed vision and eye contact with the patient, enabling you to concentrate on what is most important: the treatment of the patient.

Perfectly matched – work in comfort
EyeMag Smart loupes can be quickly adjusted to the requirements of the treatment position. This flexibility permits you to always achieve a comfortable, correct seated position allowing you to work ergonomically, preventing back and neck pain. The choice of five working distances facilitates the ideal loupes configuration for your individual requirements. The comfortable titanium eyeglass frame, with soft nose bridge and elastic headband, ensures a proper fit.

### EyeMag Smart

<table>
<thead>
<tr>
<th>Working distance (mm)</th>
<th>300</th>
<th>350</th>
<th>400</th>
<th>450</th>
<th>550</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working distance (inch)</td>
<td>12</td>
<td>14</td>
<td>16</td>
<td>18</td>
<td>22</td>
</tr>
<tr>
<td>Magnification</td>
<td>2.5x</td>
<td>2.5x</td>
<td>2.5x</td>
<td>2.5x</td>
<td>2.5x</td>
</tr>
<tr>
<td>Field of view (mm)</td>
<td>67</td>
<td>77</td>
<td>86</td>
<td>96</td>
<td>115</td>
</tr>
</tbody>
</table>

**Elastic headband**
Optimal weight distribution ensures a perfect fit
A smart combination
Precision optics and stylish design

The EyeMag Smart sports frame loupes deliver style and functionality. A smart choice when a large field of view is desired, they provide 2.5x magnification and offer the optical excellence and precision you expect from Carl Zeiss.

Style, function and comfort
The curved lens design of the EyeMag Smart sports frame not only gives it a modern look, but also serves to protect the wearer from splash and debris. Lightweight and equipped with an adjustable headband, the sports frame feels as good as it looks. The compact size of the optical system and soft nose pads help ensure comfort even during longer procedures. Like the traditional EyeMag Smart on the titanium frame, the flip-up configuration enables wearers to move the loupe attachment out of their line of sight with a single hand motion for instant eye contact with patients and colleagues.

High-quality optics
Good image quality and color fidelity give you a clear picture of anatomical structures.

Flip-up function
A simple adjustment enables unobstructed vision and eye contact with others.
Minimally invasive laser therapies are gaining increasing importance in everyday medicine. EyeMag Smart ensures perfect visibility and optimal protection during the procedure. EyeMag Smart Loupes with laser protection offer the high-quality laser protection and optical brilliance you need to perform laser treatment with maximum safety and precision.

The combination of laser protection eyeglasses and eyepiece protection meets all laser safety requirements stipulated by the European standard EN 207.

- Optimal protection*: eyeglass lenses protect the user against wavelengths of diode and Nd:YAG lasers
- Bright filters: for very good color vision
- Curved lenses: prevent lateral incidence of the laser beam

Flexible

If no laser protection is needed, the sports frame with laser protection can simply be replaced with a transparent eyeglass frame from the EyeMag Smart line.

*Laser protection is only guaranteed if eyepiece protection and laser safety eyewear are used!

More information about laser protection at www.meditec.zeiss.com/EyeMagSmart-laserprotection
EyeMag Pro
An advanced visualization system

EyeMag Pro is the right loupe system for users with higher magnification demands. It is available in a wide range of magnification levels and working distances, enabling you to select loupes tailored to your individual needs. Choose a magnification level from 3.2x to 5x and working distances from 300 to 500 mm. For the carrier system, you can select a titanium eyeglass frame (EyeMag Pro F) or a headband system (EyeMag Pro S).

Capture all the details
The brilliant optics from Carl Zeiss integrated into EyeMag Pro F and EyeMag Pro S loupe systems offer precise vision. EyeMag Pro loupes generate a high-contrast stereoscopic image, thus enabling you to recognize and differentiate between minute structures. The depth of field permits good depth orientation.

Tailored to your individual needs
You can select the carrier system that fulfills your individual preferences. With the titanium frame, EyeMag Pro loupes offer a carrier system into which prescription lenses can be easily integrated. The soft nose bridge and adjustable headband enable a perfect, comfortable fit. Over longer wearing periods, the headband on the EyeMag Pro S loupes ensures comfortable weight distribution. The personal setting options on the EyeMag Pro F and EyeMag Pro S systems facilitate an ergonomically correct treatment position with every tilt angle.

Flip-up function
Unobstructed vision facilitates eye contact with the patient in seconds

Soft nose bridge
For a comfortable fit

Clamping mechanism
Optimally set the height and tilt of the optical system

Folding bridge
Fast and intuitive adjustment of the PD

Lens protection device
 Shields the objective lens against tissue debris. Features high-quality Carl Zeiss AR coating

Optical systems

High-quality surface
Resistant to standard disinfectants
A wide range of working distances ensures application flexibility for most medical disciplines and accommodates many individual requirements. This comprehensive offering allows you to always work in comfort.

**Focus on the patient**
The numerous adjustment possibilities on EyeMag Pro loupes let you focus on the patient treatment. The tilt angle can be easily adjusted to the necessary treatment position. The unique optical system on the EyeMag Pro loupes features a folding bridge that allows you to intuitively set your personal interpupillary distance.

**Titanium eyeglass frame**
Neutral lenses protect against splashes and tissue particles. Prescription lenses and protective side shields can be integrated at any time.

**Elastic headband**
Optimal weight distribution ensures a perfect fit

**EyeMag Pro F and EyeMag Pro S**

<table>
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<tr>
<th>Working distance (mm)</th>
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<td>18</td>
<td>20</td>
</tr>
<tr>
<td>Magnification</td>
<td>4x</td>
<td>5x</td>
<td>3.6x</td>
<td>4.5x</td>
<td>3.5x</td>
</tr>
<tr>
<td>Field of view (mm)</td>
<td>56</td>
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<td>71</td>
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<td>86</td>
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**EyeMag Pro S Loupes**

1. **Vertical adjustment**
   Fast and easy positioning of the optical system

2. **Locking lever**
   Optimally set the eyepiece tilt to any desired viewing angle – even in extreme treatment positions

3. **Washable textile pads**
   Maximum wearing comfort – easy removal and cleaning

4. **Adjusts to the shape of your head**
   Quick and easy adjustment for individual needs

5. **Headband system**
   Provides even weight distribution and comfort
Quickly and easily select the correct loupe design and configuration

Selection of the loupe model

EyeMag Smart
- Flip-up loupe system featuring a Galilean design
- 2.5x magnification is suitable for beginners and applications with minor requirements on the magnification
- Large fields of view for optimum visualization of the surgical field
- Easy, intuitive operation – ready for use in seconds
- Attractive, compact design
- Available with three different carrier systems: EyeMag Smart with titanium eyeglass frame, EyeMag Smart with sports frame and EyeMag Smart with laser protection

EyeMag Pro F and EyeMag Pro S
- Flip-up loupe system featuring a Kepler design
- For users with high magnification demands
- Large selection of different models available in different combinations of magnification levels and working distances
- Available with two different carrier systems: EyeMag Pro F with titanium eyeglass frame and EyeMag Pro S with headband system
Measure your working distance

Measure the typical distance from your eyes to the object of interest to determine the preferred working distance.

Select the right combination

Determine the combination of magnification and field of view that is preferred for the selected working distance – the higher the magnification, the smaller the field of view. An overview of all fields of views and magnification levels is available on pages 12/13.
The optical systems – fields of view (actual size)

The following fields of view are possible depending on the working distance and the desired magnification. These determine the selection of your individual loupes.
EyeMag Pro – optical systems

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EyeMag Pro F
EyeMag Pro S
EyeMag loupes
It’s time for a new perspective

**EyeMag Smart**
Flip-up medical loupes with 2.5x magnification on a titanium eyeglass frame

<table>
<thead>
<tr>
<th>Standard delivery package of EyeMag Smart with titanium frame</th>
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<tbody>
<tr>
<td><strong>Optical system</strong></td>
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<tr>
<td><strong>System carrier</strong></td>
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<td></td>
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<tr>
<td><strong>Lens protection device</strong></td>
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<td></td>
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<tr>
<td><strong>Contact guard</strong></td>
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<tr>
<td><strong>Side shields for EyeMag Smart</strong></td>
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<tr>
<td><strong>Soft case</strong></td>
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<tr>
<td><strong>Compliance</strong></td>
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**EyeMag Pro F**
**EyeMag Pro S**
Flip-up medical loupes with 3.2x to 5x magnification and titanium eyeglass frame (EyeMag Pro F) or headband system (EyeMag Pro S)

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The moment medical technology leads to something very human: patients smile again. **This is the moment we work for.**