See a world more with Keeler Loupes

Élargissez votre univers...grâce aux loupes Keeler

Die Welt besser sehen ... mit Keeler-Lupen

Vedete un mondo di più... con i loupe Keeler

Ver muito mais ...... com as lupas Keeler

Разглядите мир с лупами Keeler

Vea un mundo más......con las lupas Keeler
What makes Keeler Loupes different?

If you think all loupes are the same, think again, you’ll see the difference with Keeler Loupes.

The secret of great loupes is simple; top quality Schott glass and a rigid and consistent approach to the lens grinding and polishing process.

We have been manufacturing optics in the UK for over 90 years and our laser aligned optics provide you with not only superb fields of view but outstanding magnification.

Whether you are a young professional still studying, a Dental Practitioner or Consultant Surgeon, Loupes will be a valued and worthwhile investment to your career.
Choice of flexible hinges

No matter what angle you need, our exclusive hinge design provides the largest range of declination to meet your surgical procedure and posture.

If you are a dental surgeon the additional benefits are to your posture, either to correct poor posture or better use loupes to prevent problems for the future.

PD Bar

Maintaining stable binocularity is simple, providing the individual telescopes are mounted on an optical bench. Our pupillary distance bar (PD) is machined from a solid piece of aluminium to give your loupes a stable and precision aligned mount, no double images, no tired eyes.

Recommended working distances

<table>
<thead>
<tr>
<th>Your Height</th>
<th>Sitting</th>
<th>Standing</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 5’ 7” (150cm - 170cm)</td>
<td>34cm</td>
<td>34cm</td>
</tr>
<tr>
<td>5’ 7” - 5’ 10” (170cm – 178cm)</td>
<td>34cm</td>
<td>42cm</td>
</tr>
<tr>
<td>5’ 10” – 6’ 0” (178cm - 183cm)</td>
<td>42cm</td>
<td>46cm</td>
</tr>
<tr>
<td>&gt; 6’ 0” (183cm)</td>
<td>46cm</td>
<td>50cm</td>
</tr>
</tbody>
</table>

RX Prescription

For the spectacle wearer you have a choice of wearing your specs under the Keeler frame or using the RX lens holder for your prescription lenses - see below.

Wear your spectacles under the Keeler frame
Mini Loupes

Lightweight
Excellent image
Quality optics
Great field of view

Mini Loupes are designed to be ultra light and comfortable with minimal compromise in field of view. Absolute comfort is our achievement; excellent peripheral vision is the added benefit of our slim design.

Working distance and field of view

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Magnification</th>
<th>Working distance</th>
<th>Field of view</th>
</tr>
</thead>
<tbody>
<tr>
<td>2112-P-1064</td>
<td>2.5x</td>
<td>34cm</td>
<td>7.5cm</td>
</tr>
<tr>
<td>2112-P-1065</td>
<td></td>
<td>42cm</td>
<td>9.5cm</td>
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<tr>
<td>2112-P-1066</td>
<td></td>
<td>46cm</td>
<td>10.5cm</td>
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<tr>
<td>2112-P-1067</td>
<td></td>
<td>50cm</td>
<td>11.4cm</td>
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</tbody>
</table>

Weight - loupes on bar 34g

Suitable for:
• Orthopaedics
• ENT
• Urology
• Obstetrics & Gynaecology
• Plastics
• General Dentistry
Mini Loupes

Fields of view

Actual size

Example of field of view at a working distance of 42cm
Standard Loupes

All round performance
Larger field of view
Two lens system

For total all round performance the Standard range offer a carefully calculated blend of comfort, clarity and field of view – no compromises – an accomplished all rounder.

Working distance and field of view

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Magnification</th>
<th>Working distance</th>
<th>Field of view</th>
</tr>
</thead>
<tbody>
<tr>
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<td>34cm</td>
<td>11.4cm</td>
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<tr>
<td>2112-P-1003</td>
<td>2.0x</td>
<td>46cm</td>
<td>15.2cm</td>
</tr>
<tr>
<td>2112-P-1010</td>
<td>2.5x</td>
<td>34cm</td>
<td>8.1cm</td>
</tr>
<tr>
<td>2112-P-1011</td>
<td>2.5x</td>
<td>42cm</td>
<td>10cm</td>
</tr>
<tr>
<td>2112-P-1012</td>
<td>2.5x</td>
<td>46cm</td>
<td>10.9cm</td>
</tr>
<tr>
<td>2112-P-1013</td>
<td>2.5x</td>
<td>50cm</td>
<td>11.8cm</td>
</tr>
<tr>
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<tr>
<td>2112-P-1025</td>
<td>3.0x</td>
<td>50cm</td>
<td>8.3cm</td>
</tr>
</tbody>
</table>

Weight - loupes on bar 46g

Suitable for:
• Orthopaedics
• ENT
• Urology
• Obstetrics & Gynaecology
• Plastics
• General Dentistry
Standard Loupes

Fields of view

2.0x - example of field of view at a working distance of 34cm

2.5x - example of field of view at a working distance of 42cm

3.0x - example of field of view at a working distance of 42cm

For actual size of image, please see page 5
Hi-Res Loupes

Bright image
Larger field of view
Excellent edge clarity

The four lens high index coated optical system of the Hi-Res Loupes gives you three times magnification, a bright image and a larger field of view than the Keeler Standard 3.0x Loupe. Hi-Res Loupes also have excellent definition, stunning performance and great looks.

Working distance and field of view

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Magnification</th>
<th>Working distance</th>
<th>Field of view</th>
</tr>
</thead>
<tbody>
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<td>8.8cm</td>
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<tr>
<td>2112-P-1053</td>
<td>3.0x</td>
<td>50cm</td>
<td>9.5cm</td>
</tr>
</tbody>
</table>

Suitable for:
- Most fields of surgery
- Ophthalmology
- Surgical assistants
Hi-Res Loupes

Fields of view

3.0x - example of field of view at a working distance of 42cm

Comparison between High-Res and Standard Loupes field of view

For actual size of image, please see page 5
Prismatic Loupes

Up to 5.5x magnification
Total edge to edge clarity
Sophisticated multi component optical system

Greater magnification and edge clarity at surgical working distances can only be achieved by using a sophisticated lens and prism system. Our Prismatic loupes use a double or Schmidt-Pechan prism to extend the optical path without significantly increasing the length and weight of the telescope body. The prismatic optical system delivers exceptional clarity for the experienced loupe user.

Working distance and field of view

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Magnification</th>
<th>Working distance</th>
<th>Field of view</th>
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<td>2113-P-2006</td>
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<td>46cm</td>
<td>6.9cm</td>
</tr>
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<td>3.5cm</td>
</tr>
<tr>
<td>2113-P-2013</td>
<td>5.5x</td>
<td>42cm</td>
<td>4.7cm</td>
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<tr>
<td>2113-P-2014</td>
<td>5.5x</td>
<td>46cm</td>
<td>5.3cm</td>
</tr>
</tbody>
</table>

Suitable for:
• Cardiovascular
• Neurosurgery
• Ophthalmology
• Dentistry:
  Endo, crown, bridge, lab work, technician
Prismatic Loupes

Fields of view

3.5x - example of field of view at a working distance of 42cm

4.5x - example of field of view at a working distance of 42cm

5.5x - example of field of view at a working distance of 42cm

For actual size of image, please see page 5
Frames

The frame
Not to be underestimated in its importance, the Keeler Sport Wraparound frame is a blend of art, science and engineering that forms the link between you and your loupes. Designed with materials to withstand the rigours of professional use and delivering the comfort for extended procedures the frame becomes part of you.

Safety shield
Protection against unwelcome flying debris is assured when using the lightweight plastic splashguards. These are easily detached when not required.

Frame sizes
Keeler Sport frames are available in three sizes, Long Temple, Standard and Narrow fit.

The Headband
Loupes on a frame is a very personal item that most professionals prefer not to share with colleagues. In a busy environment where loupes need to be shared amongst surgeons the Keeler headband offers a practical alternative to the Sports Frame.

Sport Frames are available in the following finishes

- Blue
- Red
- Black
- Sky Blue
Frame features

Adjustable nose pads
Small but so important. You have a choice of two styles of nose pads, both made from a flexible hypoallergenic material that allows you to contour them to fit perfectly and hold your loupes securely. The nose pads are height adjustable so that you can achieve perfect comfort and the optimal position for your loupes system.

Weight
Weight is important – but equally important is the distribution of the weight which is where the Keeler Frame excels. A quality optical system relies on glass and metal for the key components. Plastic is too unstable to provide continuous quality. We have worked tirelessly to ensure the weight of our quality components is distributed comfortably.

Sterility and cleanliness
The loupes removable flip lever and protective caps are easily removed and are designed to be autoclaveable to ensure the bio safety of you and your patients.

Flip up hinge
The correct posture, viewing angle and keeping in contact with your patient are all benefits of ‘flip up’ loupes. Our skilfully designed three way adjustable hinge allows you to create the perfect position and angle of incidence for your loupes. When you need to write some notes or communicate with your patient – simply ‘flip them up’, easy.

Protective and 1 dioptre distance Caps
To protect the all important objective lens (the front lens) of your loupes there are ‘plano’ (flat) protective caps that are easily removed, cleaned and replaced.

For just a little more magnification and a shorter working distance choose a +1D cap; simple 2 in 1, protection and versatility:

- 340mm working distance becomes approx 254mm
- 420mm working distance becomes approx 296mm
- 460mm working distance becomes approx 315mm
- 500mm working distance becomes approx 333mm

Protective and 1 dioptre distance caps
K-LED Illumination

The K-LED rechargeable headlamp system clips quickly and easily onto the Loupes bar to give up to a massive 18,000 Lux of homogenous white LED powered illumination. The lithium (Li) battery pack will give up to 4 hours of continuous use before it needs replacing into its charging well on the base station.

Choose between the standard fitting or the co-axial fitting to suit your surgical preference.
See a world more...

...visit www.keeler.co.uk or freephone 0800 521251