



Binocular loupes

For the highest demands

Multiple magnification levels allow a more precise diagnosis and thus an exact planning for the further treatment.



BINOCULAR LOUPES

MORE DISTANCE DURING TREATMENT MAKES PATIENTS FEEL VISIBLY BETTER AND MORE RELAXED.

SuperVu Galilean System

2.0 x, 2.5 x and 3.0 x magnification

- The true benefit of this system is ease of use.
- Movement whilst maintaining focal clarity is possible due to superior depth of field. The light-weight aluminium bar with individual pupillary adjustment provides the mounted loupes with stability and optimal focal alignment, eliminating headache and eyestrain.
- Ideal for ocular and dental examinations as well as plastic surgery and veterinary professionals.
- Total weight including spectacle frame approx. 99 g.



Fig. with spectacle frame

The SuperVu Galilean binocular loupes offer excellent optical features with respect to the field of view: (+/- 10 %)

| | Magnification | Working distance | Field of view | Ordering number |
|-------------------------------|---------------|------------------|---------------|-----------------|
| SuperVu Galilean 2.0 x | 2.0 x | 34 cm | 11.4 cm | 3960-620 |
| | 2.0 x | 46 cm | 15.2 cm | 3962-620 |
| SuperVu Galilean 2.5 x | 2.5 x | 34 cm | 8.1 cm | 3960-625 |
| | 2.5 x | 42 cm | 10 cm | 3961-625 |
| | 2.5 x | 46 cm | 10.9 cm | 3962-625 |
| SuperVu Galilean 3.0 x | 3.0 x | 34 cm | 5.9 cm | 3960-630 |
| | 3.0 x | 42 cm | 7.1 cm | 3961-630 |

SuperVu high resolution Galilean System

3.0 x magnification

- With this system, Riester provides a high resolution loupe, which far surpasses any previous standards. This 5-element loupe offers triple magnification with a 15 % increased field of view and a visually flat field from edge to edge. Ideal for surgical assistants as well as ophthalmologists.



Fig. with brow band

The SuperVu Galilean binocular loupes offer excellent optical features with respect to the field of view: (+/- 10 %)

| | Magnification | Working distance | Field of view | Ordering number |
|--------------------------------------|---------------|------------------|---------------|-----------------|
| SuperVu Galilean hi-res 3.0 x | 3.0 x | 34 cm | 6.8 cm | 3970-630 |
| | 3.0 x | 42 cm | 8.2 cm | 3971-630 |
| | 3.0 x | 46 cm | 8.8 cm | 3972-630 |
| | 3.0 x | 50 cm | 9.5 cm | 3973-630 |



XL Advantage System

3.5 x, 4.5 x and 5.5 x magnification

- Higher magnification for advanced surgical procedures.
- High prismatic quality ensures true image.
- Accurate colour reproduction excellent suitable for complex application.
- The XL precision lenses are treated with a non-reflecting protective coating to achieve an excellent image.
- Ideal for very highly precise procedures in all areas of application.

Fig. with brow band

| | Magnification | Working distance | Field of view | Ordering number |
|--------------------------|---------------|------------------|---------------|-----------------|
| XL Advantage 3.5X | 3.5 x | 34 cm | 5.5 cm | 3980-635 |
| | 3.5 x | 42 cm | 7.1 cm | 3981-635 |
| | 3.5 x | 46 cm | 7.9 cm | 3982-635 |
| XL Advantage 4.5X | 4.5 x | 34 cm | 4.6 cm | 3980-645 |
| | 4.5 x | 42 cm | 6.1 cm | 3960-630 |
| | 4.5 x | 46 cm | 6.9 cm | 3982-645 |
| XL Advantage 5.5X | 5.5 x | 34 cm | 3.5 cm | 3980-655 |
| | 5.5 x | 42 cm | 4.7 cm | 3981-655 |
| | 5.5 x | 46 cm | 5.3 cm | 3982-655 |

Applications:

The right magnification for your application

| Surgery | Magnification | |
|---------------------|---------------|-------------------------------|
| ENT | 2.5 x - 3.0 x | SuperVu Galilean 2.5 x |
| Urology | 2.5 x - 3.0 x | SuperVu Galilean 2.5 x |
| Gynecology | 2.5 x - 3.0 x | SuperVu Galilean 2.5 x |
| Orthopedics | 2.5 x - 3.0 x | SuperVu Galilean 2.5 x |
| Plastics Surgery | 2.5 x - 3.0 x | SuperVu Galilean 2.5 x |
| Surgical Assistants | 2.5x - 3.5 x | SuperVu Galilean hi-res 3.0 x |
| Ophthalmology | 3.0 x | SuperVu Galilean hi-res 3.0 x |
| Dentistry | Magnification | |
| General use | 2.5 x | SuperVu Galilean 2.5 x |

Working distance:

Determine the perfect working distance for your loupe based on your size

| Height | Seated | Standing |
|--------------|--------|----------|
| 150 - 170 cm | 34 cm | 34 cm |
| 170 - 178 cm | 34 cm | 42 cm |
| 178 - 183 cm | 42 cm | 46 cm |
| 183 + cm | 46 cm | 50 cm |

BINOCULAR LOUPES

ACCESSORIES

SuperVU accessories

- Protective caps for SuperVu Galilean System
- Protective caps for SuperVU hi-res Galilean System
- + 1D Close-up and distance caps for SuperVU Galilean System
- + 1D Close-up and distance caps for SuperVU HR Galilean System

- No. 12760**
- No. 12761**
- No. 12762**
- No. 12763**

Attachment options:

Select between the light Riester spectacle frame or the brow band system for the use of your loupes.

- Black spectacle frame without loupe
- Brow band without loupe

- No. 12770**
- No. 12771**



Fig. Spectacle frame without loupe



Fig. Brow band without loupe

K-LED

Provides many hours of white light

- The K-LED brow lamp provides homogeneous light with a brightness of up to 34.000 lux.
- The 3W LED is coaxially attached to the frame and operates with a Li-ion battery pack,
- enabling permanent operation of up to approx. 4 hours.

K-LED System with charger

No. 12765



Fig. with SuperVu high resolution Galilean system and spectacle frame

Please visit riester.de for more information