

BINOCULAR LOUPES and MEDICAL HEADLIGHT



BINOCULAR LOUPES SLF - SLH

Galilean Loupes with sport frame or headband

SLF and SLH Binocular Loupes come with various magnification and field of view specification options:

2.5x magnification is the most popular model. It offers the widest field of view and longest depth of focus.

3.0x is designed for dentists who need more magnification, giving you a good field of view and depth of focus.

3.5x is the highest magnification available in Galilean Loupes, being suitable for specialist work within a smaller depth of view by giving you the ability to perform most dental procedures, such as cosmetic, crown and bridge, etc.

SLF - SLH Binocular Loupes Features:

- ✓ Multi-coated, high grade glass lenses produce crisp, clear images.
- ✓ With the very large field of view, the depth of focus is deep and the object can be seen stereoscopically with actual distance feeling.
- ✓ Plastic protective lenses easily removable from the sport frame to fit corrective lenses
- ✓ Retaining cord (for sport frame) to stabilize the frame and prevent slipping
- ✓ The headband can be worn over corrective eye-glasses. Thanks to multiple adjustment points, gives comfort and stability – ideal for long procedures
- ✓ Fatigue is minimized after prolonged use.
- ✓ Smart design, convenient for mobile diagnosis.
- ✓ **Vertical distance:** 6 mm up and down displacement
- ✓ **Individually adjusted pupil distance:** 45-80 mm
- ✓ **Adjustable Viewing Angle:** 0 to ~40°.



SLF Galilean Loupes with sport frame



SLH Galilean Loupes with headband

MAGNIFICATION	WORKING DISTANCE mm	FIELD OF VIEW mm	WEIGHT without frame g
2.5x	340	80	71
2.5x	420	100	71
3.0x	340	70	71,5
3.0x	420	84	71,5
3.5x	340	60	72
3.5x	420	72	72

BOTH GALILEAN BINOCULAR LOUPES
ADAPT TO LED HEADLIGHTS



SLT Galilean TTL Loupes
with titanium frame



HL8200 Headlight combined with
SLT binocular loupes

BINOCULAR LOUPES SLT

TTL (Through the Lens) Galilean Loupe with titanium frame

SLT Binocular Loupes come with various magnification and field of view specification options:

2.5x magnification is the most popular model. It offers the widest field of view and longest depth of focus.

3.0x is designed for dentists who need more magnification, giving you a good field of view and depth of focus.

SLT Binocular Loupes Features:

- ✓ Titanium frame with flexible hinges available in four colors: red, black, grey and brown
- ✓ Multi-coated and anti-reflective lenses combining with infinity corrected optical systems
- ✓ Ultra-lightweight, as little as 2 oz (57 g) (including the frame)
- ✓ Completely custom fit
- ✓ Custom working distance: 340 or 420 mm
- ✓ Extremely high resolution
- ✓ Precision optics, with prescription lenses available
- ✓ Greatest brightness and depth of field
- ✓ Soft silicone nose pad
- ✓ A practical and fast magnet connection system allows the application of led light HL8200 (just 7 g)
- ✓ All loupes include a protective hard case, microfiber wipe cloth, neck strap.

MAGNIFICATION	WORKING DISTANCE mm	FIELD OF VIEW mm	WEIGHT with frame g
2.5x	340	60	57
2.5x	420	70	57
3.0x	340	40	57,5
3.0x	420	46	57,5



HL8300: ledlight with battery



HL8200 Headlight combined with SLF binocular loupes



HL8300 Headlight combined with SLH headband

HL8200-HL8300 HEADLIGHTS

HL8200 and HL8300 are ideal for all microsurgery fields such as in dentistry, aesthetics, ...

- ❖ With a colour temperature of 5.500 / 6.000° Kelvin, this light supplies bright, white, shadow-free light allowing the doctor to see tissue characteristics without distortion.
- ❖ Adjustable viewing angle provides a completely shadow-free image and coaxial illumination in all examination areas
- ❖ Rechargeable lithium battery, allowing it to be used without the direct power source.
- ❖ They're two of the most comfortable, lightweight headlights, and they're suitable for all kinds of surgery
- ❖ Can be used while they are charging.
- ❖ The headlights have a low-battery indicator light.
- ❖ HL8200 and HL8300 Headlights adapt to any Binocular Loupes.
- ❖ Smart design convenient for mobile diagnosis
- ❖ Yellow filter reduces blue light, preventing premature curing of composite

Optical Specification		HL8200	HL8300
Illumination at 200mm working distance	Lux	> 30.000	> 35.000
Spot light at 420mm working distance	mm	≥ 70	≥ 80
Color temperature	° Kelvin	5.500	6.000

Direction of illumination	HL8200	HL8300
Vertical adjustment	± 45°	
Horizontal adjustment	± 15°	-

Weight	HL8200	HL8300
Ledlight	g 16	21
Battery	g 100	

Electrical Specification	HL8200	HL8300
Illumination source	Extremely bright light, 3W LED, life	
Source life	20.000 hours continuous burn	
Battery	7,4 V Lithium battery (rechargeable)	
Battery Run-time	≥ 12 h	≥ 7 h
Charging time	≤ 3,5 h	
Input voltage	110VAC / 220 VAC	
Electrical Safety Standard	IEC60601.1, Class II equipment	

