

EST. KOREA

SurgiMag

True Detail
True Comfort

PRODUCT CATALOG

LOUPES & LED HEADLIGHT

2026 Edition

www.surgimag.co.kr



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Deliver lightweight, optically advanced loupes

OUR VISION

PRECISION-ENGINEERED OPTICS

Multi-coated lenses deliver edge-to-edge sharpness and faithful color reproduction.

ERGONOMIC DESIGN EXCELLENCE

Deflection geometry supports a neutral posture that relieves neck and back strain.

CONTINUOUS INNOVATION

Ongoing research into magnification and illumination drives every generation.



"To become the global
standard in ergonomic
medical magnification."

We value our clients, and it shows in every interaction — the service, technical support and training that make SurgiMag a trustworthy choice for optical medical devices.

PENTAMAG

BEYOND ERGONOMICS

PENTAMAG is our signature ergonomic deflection loupe. A pentaprism bends the line of sight downward, so the clinician works upright while looking into the field — comfort and precision, without compromise.



Redefined Clarity & True Color

PENTAMAG's prism optics hold sharpness from edge to edge and reproduce color as it actually is—no shift, no falloff at the periphery.



PENTAMAG PRISM
True color, Uniform clarity



CONVENTIONAL OPTICS
Softening toward the edges

Designed for Clinical Confidence.

Enhanced visualization supports more precise tissue differentiation and treatment decisions, while reducing visual fatigue during extended procedures.



Precision, Comfort, Vivid Brilliance

THE ULTIMATE OPTICAL TECHNOLOGY



NEUTRAL WORKING POSTURE

Upright head position dramatically lowers the cumulative load on the cervical spine.

LONG-TERM HEALTH PROTECTION

Reduces the musculoskeletal strain that leads to chronic pain over a clinical career.

REDUCED EYE FATIGUE

A stable, comfortable viewing angle keeps focus effortless across extended procedures.

MAGNIFICATION & SPECIFICATIONS

Magnification	Field of view	Depth of Field	Weight
3.0X	90mm	130mm	52g
4.0X	72mm	90mm	52g
5.0X	60mm	62mm	53g
5.8X	56mm	60mm	53g
7.2X	50mm	55mm	53g

MAGLOUPE

EVERY DETAIL. AS IT IS.



GALILEAN LOUPES • MAGLOUPE

Custom-crafted to meet your needs — clear, natural color without distortion. The wide field of view and deep depth of field make MAGLOUPE an easy first loupe and a dependable everyday companion.



MLT-25S • 2.5×

FOR FIRST-TIME USERS

A wide field of view and deep depth of field make this loupe comfortable to adopt — ideal for hygienists and assistants entering magnified practice.

MLT-30S • 3.0×

FOR EXPERIENCED USERS

Higher magnification for clinicians who want to see even closer — a natural second pair for anyone building on a Galilean foundation.

MAG LOUPE • SPECIFICATIONS

SERIES	MAGNIFICATION	W.D	F.O.V	D.O.F	WEIGHT
Mag Loupe	2.5X	350mm	90mm	100mm	46g
	3.0X	350mm	72mm	60mm	47g

PRISMAG

EVERY DETAIL, AS IT IS.

True detail
True color

PRISMAG uses a Keplerian prism design for higher magnification with a wide, bright field. A stepped-diameter focus mechanism delivers smooth, backlash-free adjustment across the full working range.



ENGINEERED FOR A NATURALLY CLEAR VIEW

Our advanced prism optics suppress peripheral color fringing, providing a cleaner field of view, more natural color reproduction, and greater visual comfort throughout every procedure.



PRISMAG

True color, Clear View,



COMPETITOR PRISMATIC

Yellow Shift, Blue Border

KEPLERIAN PRISM DESIGN

Delivers higher magnification with a wide, bright field — beyond the reach of Galilean optics.

MINIMIZED PERIPHERAL FRINGING

Advanced prism geometry keeps color true from center to edge, reducing visual fatigue.

MAGNIFICATIONS



3.5× MODEL



4.5× MODEL



5.5× MODEL

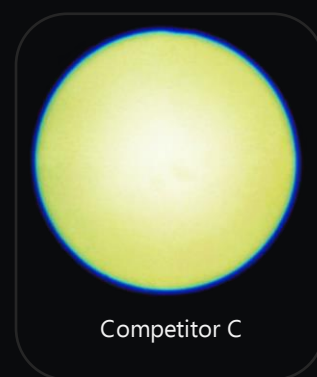
MODEL	WORKING DISTANCE	FIELD OF VIEW	WEIGHT
PRISMAG 3.5×	380 – 600 mm	63 – 107 mm	70 g
PRISMAG 4.5×	380 – 600 mm	52 – 94 mm	73 g
PRISMAG 5.5×	380 – 600 mm	41 – 70 mm	75 g

CORDLESS ILLUMINATION

MAESTRO



Vivid, True Color Reproduce



15,000 lux
7.5 cm spot for
uniform coverage



CRI > 90
True-to-life color
reproduction

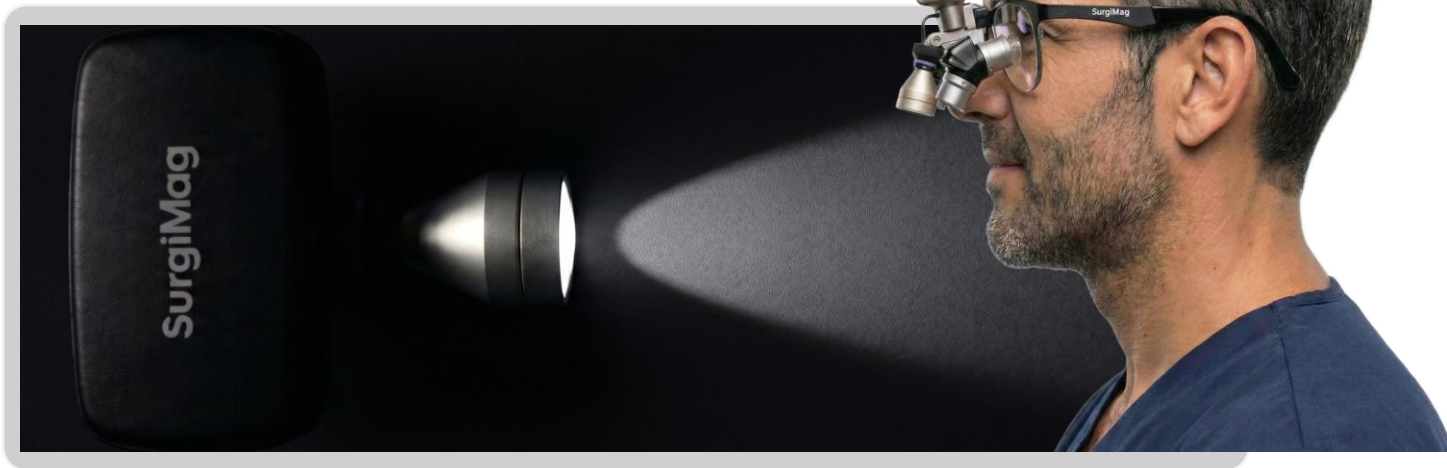


5700K
Daylight-like color
temperature



**Lightweight
& Comfortable**
Designed for all-day
performance

EXPERIENCE THE OPTIMAL SOLUTION



Maestro LED headlight is adaptable to virtually every clinical scenario, delivering consistent, high-quality illumination wherever you work. With a high color rendering index (CRI > 90) and daylight-like 5700K color temperature, it reproduces tones faithfully, revealing subtle variations in color and texture for more confident decision-making. The 15,000 lux beam with a 8.2 cm spot provides ample, uniform light coverage for the entire oral cavity, reducing hand shadows and hot spots.

Key Features



Instant activation

Batteries activate instantly on insertion — zero delay, zero workflow interruption.



Up to 4 hours × 3 batteries

Three batteries included — enough runtime for any procedure or surgery.



Coaxial illumination

Coaxial beam that follows my line of sight



3-step brightness

Adjust light output in three steps to match each procedure.



	Level 1	Level 2	Level 3
Bright Intensity(lux)	5,000	10,000	15,000
Battery Life Time	4h	2h 20m	1h 20m



See it exactly
as it is.

Faithful color. Uncompromised resolution. Ergonomics that let you work sharper and longer. From PENTAMAG and PRISMAG loupes to the Maestro headlight, every SurgiMag product is built around a single idea — Clarity you can trust.

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