



SURGE LOUP



Since 1998



Crystaloptic



TTL Loupe

We make JUST FOR YOU. Crystaloptic

Since 1998.

Surgical Loupes, Surgical LED Light manufacturer Crystaloptic Co., Ltd. CrystalOptic SurgeLoup® is “The Starter” of Surgical Loupes in Korea.

Brand CrystalOptic SurgeLoup® elaborately produces High-Quality, High-Performance Customized Surgical Loupes, and Surgical LED Lights to enhance the good effects of the loupes.

With lenses and techniques based on skills of an optician acquired over a long period in his own chain optical stores, combining knowledge of both optometry and surgical loupe, SurgeLoup® professionally measures, produces and, of course, fits the loupe to your face, especially to your eyes.

SurgeLoup® provides you with enlarged vision without distortion, and optimal comfortable vision and field of view and depth of focus, and helps you reduce or prevent neck and back pain by keeping your body maintaining good posture thanks to the magnified image.

And by that, SurgeLoup® helps you improve your medical environment and patient satisfaction.

Reduce Your Eye Tiredness and Experience Good Quality Diagnosis and Surgery.



Feel the Difference

Even if the user is one, different surgical loupes can be made depending on who or which company measures.

Even one measurement error makes you can't use the surgical loupe well. Surgical Loupe is about comfortable vision.

You should be able to see comfortably just like your own eyes.

Leave it to the experts.

Feel the difference that professional optician makes JUST FOR YOU.

MAGNIFICATION

SurgeLoup



x2.5

FOV | 160@400

Weight (g) | 43

x3.0

FOV | 80@400

Weight (g) | 47



x3.3

FOV | 70@400

Weight (g) | 68



* Weight (g) is the weight of the finished product.



SL - 12

Material | Titanium

Weight (g) | 20

Frame designed based on optometric knowledge
The most popular frame since 2016



Beige

Blue

Red

Black



SL - 11

Material | Titanium

Weight (g) | 20

Frame designed a bit wider than SL-12
Made of titanium, light and sturdy material suitable for frame of surgical loupe.



Beige

Blue

Grey

Black



DA - N

Material | Poly - amide

Weight (g) | 15

Frame released considering weight of surgical loupe
More flexible and comfortable fit



Matte
Crystal
Grey

Glossy
Crystal
Grey

Black
Grey

Black
Blue

Black
Red

Black
Green



NEW

Neckware Light

The hands-free light built in neckware works with the object detection sensor.

You don't need to touch it.

Don't contaminate your hands during the surgery.

The built-in battery in the neckware lightens weight of surgical loupes on your nose. Improve the quality of your surgery with bright and clear lights.



made by Crystal Optic

Since 1998

Professional opticians design, measure, make and fit,
Based on knowledge of optometry and surgical loupes.

Surgical Loupes do not cause dizziness anymore.

Comfortable as my eyes.

Specification

Light Source	High Power LED
Operating Time	About 10 hrs. (Maximum intensity)
Charging Time	3.5 hours
Brightness (lx) @WD400mm	39,000
Field of View (mm) @WD400mm	90
LED Light Weight (g)	28
Battery Pack	DC 3.6V 6500mA
Controller Weight (g)	190



The image features a collection of surgical loupes and a handpiece. In the foreground, a handpiece with a textured grip and a thin metal tip is visible on the left. Several pairs of loupes are scattered across the frame, including black and gold-colored frames. Some loupes have the brand name 'Surge' visible on the temples. The background is a plain, light-colored surface.

SURGE LOUP

Purchase Information

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