

Surgical Acuity LOUPES

S u p e r i o r V i s u a l i z a t i o n TM

HIGH RESOLUTION OPTICS • RENOWNED QUALITY CRAFTSMANSHIP



What to consider when purchasing a loupe:

The quality of a loupe system is governed by four key visual characteristics:

1 Resolution is the capability to visualize small structures, and is established by the quality of the optical design and the use of precision lenses. Loupes made with inferior materials cannot deliver peak visualization across the entire viewing field.

Consider the widespread consumer appeal for high definition televisions as a testimony to the value of resolution. Which would you rather own, a 52" projection television, or a 42" high definition television? Despite the larger screen, the viewing experience on the projection TV would pale in comparison to the crystal clear, detailed imaging of the HDTV.

2 Field width is the size of the operating site when viewed through loupes. Healthcare professionals appreciate a wider field of view because it is easier and quicker to adjust when shifting from the naked eye to the loupe. A wider field also promotes less eye fatigue. Field width is linked to the diameter of the telescope, the optical design and the magnifying power – the higher the power, the smaller the field.

3 Field Depth is the range of focus delivered by the loupe. This determines how much you can lean in, or lean back, while wearing your loupe, and still maintain focus of the entire viewing field. Field depth is dependent on the available lighting, the optical design, the magnifying power, and the eye's ability to focus (accommodation).

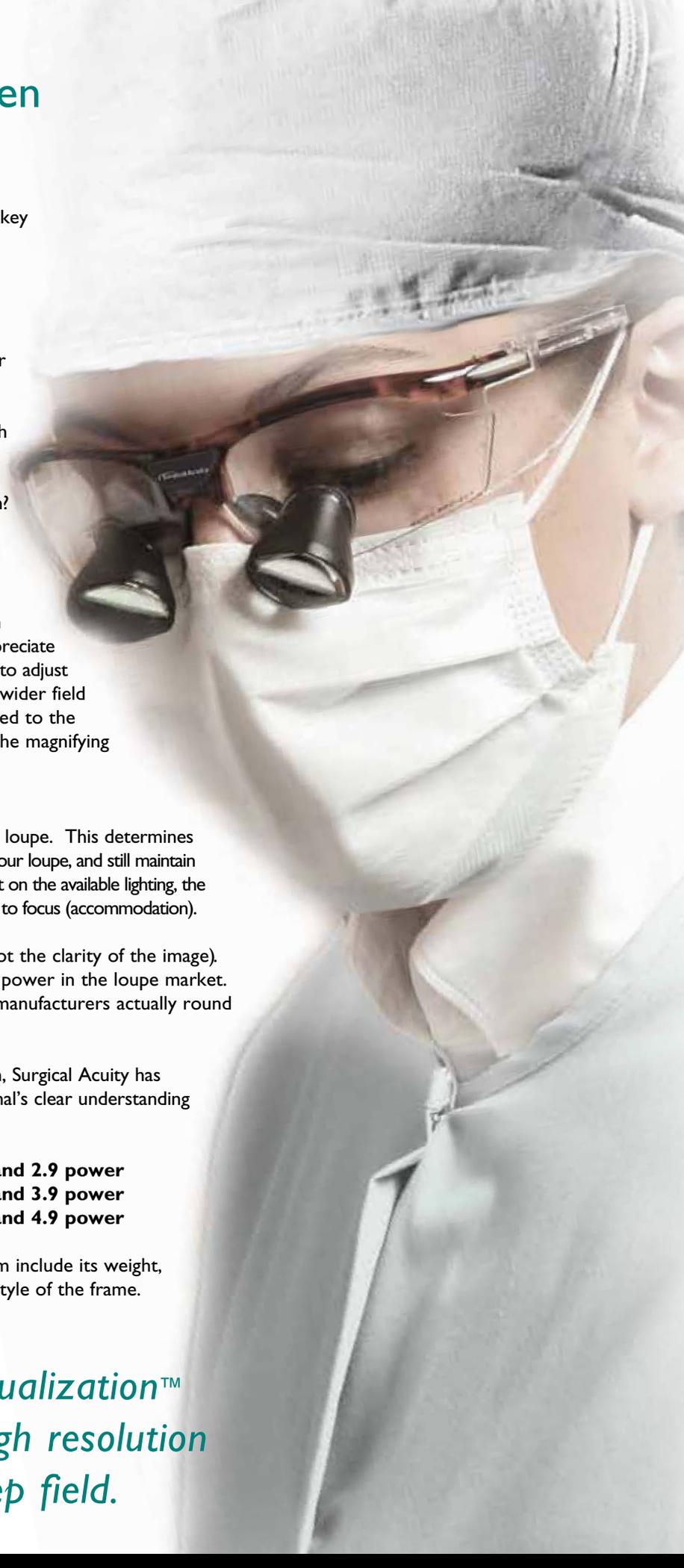
4 Magnification Power is the size of the image (not the clarity of the image). There is no standard measurement for magnifying power in the loupe market. Even though specific labels have been used, most manufacturers actually round up to the nearest 0.5x.

Since there is no standard to measure magnification, Surgical Acuity has adopted a simple system to promote the professional's clear understanding of the choices available:

- Class II Magnification: Between 2.0 and 2.9 power**
- Class III Magnification: Between 3.0 and 3.9 power**
- Class IV Magnification: Between 4.0 and 4.9 power**

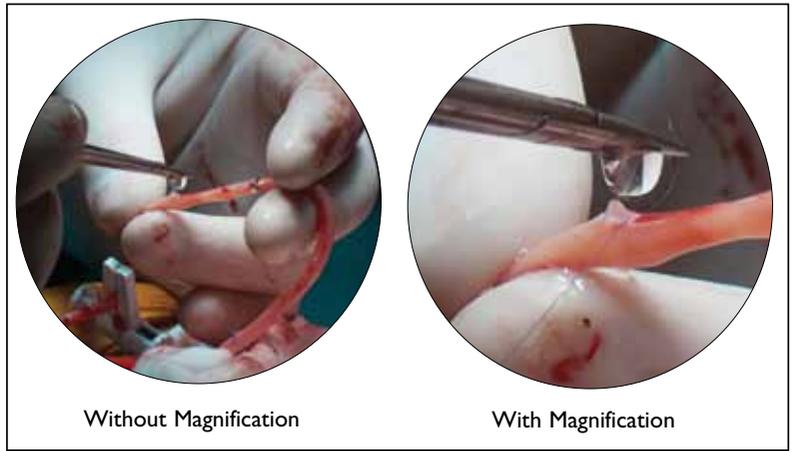
Other characteristics to consider in a loupe system include its weight, the angle of the telescopes, and the comfort and style of the frame.

In summary, Superior Visualization™ is achieved by sustaining high resolution across a wide and deep field.



Field Resolution

“Surgical Acuity loupes are renowned for having the highest resolution across the widest fields. Compared to competitor products, our loupes maintain sharp focus from edge-to-edge of the viewing field.”



Without Magnification

With Magnification

SURGICAL ACUITY



LEADING COMPETITOR



Quality Loupes

All Surgical Acuity telescopes are backed by a Limited Lifetime Warranty.



All Surgical Acuity Loupes Are:

- Customized to your facial geometry, working distance, and angle of declination
- Water resistant
- Hypo allergenic
- Corrosion resistant

Loupe Package Includes:

- Side Shields
- Head strap
- Custom engraved storage case
- Prescription lenses (if applicable)
- Optical screwdriver

Telescope Options



Dimension 3® (Class II)

Dimension-3® Galilei Loupes set the industry standard for comfort and performance. This loupe delivers a wide and deep field at an economical price.

Configurations: TTL¹, TTF² & Flip-up
Field Width & Depth: 5" (13 cm)
Weight*: 1.9 oz. (54 grams)
Working Distance Customized Between: 10"-27" (25-69cm)



HiRes® (Class II & III)

HiRes® Galilei Loupes deliver the most important attributes a loupe can offer – high resolution, a wide and deep viewing field and lightweight comfort. The micro-sized optics are made from the highest grade glass to deliver unprecedented clarity and sharpness throughout the entire field.

Class II • Configurations: TTL¹, TTF² & Flip-up
Field Width & Depth: 4" (10 cm) **Weight*:** 1.6 oz. (45 grams)
Working Distance Customized Between: 10" - 27" (25-69 cm)

Class III • Configurations: TTL¹
Field Width & Depth: 2.75" (7 cm) **Weight*:** 1.7 oz. (48 grams)
Working Distance Customized Between: 11.5"-28.5" (29-72 cm)



HiRes® Plus (Class III & IV)

HiRes® Plus Prismatic Loupes yield higher power, higher definition, and wider fields than any other expanded field loupes available. Obtain the highest resolution and clarity for surgical procedures. Unique adjustable-focus feature allows you to fine tune your working distance.

Configurations: TTL¹ & Flip-Up
Working Distance Customized Between: 12.5"-23" (32-58 cm)

Class III Low
Field Width & Depth: 4" (10 cm) **Weight*:** 2.6 oz. (74 g)

Class III High
Field Width & Depth: 3.5" (9 cm) **Weight*:** 2.7 oz. (76 g)

Class IV Low
Field Width & Depth: 3" (8 cm) **Weight*:** 2.7 oz. (76 g)

Class IV High
Field Width & Depth: 2.5" (6 cm) **Weight*:** 2.8 oz. (79 g)

* Weight based on TTL loupe with plano lenses mounted on an O2 titanium frame.
¹TTL = Through-the-Lens ²TTF = Through-the-Flip

FRAME/TELESCOPE COMPATIBILITY CHART

Surgical Acuity offers five different frame styles in various colors. Not all telescopes are compatible with all frames. Please reference the chart below.

	Dimension 3 Class II	HiRes Class II	HiRes Class III	HiRes Plus Class III & IV
Titanium 01	•	•	•	•
Titanium 02	•	•	•	•*†
Titanium Victory	•†	•	•	•*†
Rudy Project	•	•	•	
Revolution (TTF Hybrid)	•	•		
Rigid Headband (Flip-Up only)	•	•		•
Cloth Headband (Flip-Up only)	•	•		

* Medium and large size frames only

† Through-the-Lens only

Frame Options



Designer Victory Frame

Material: Titanium
Sizes: Small, Medium, Large
 Unlimited Prescriptions



Designer Titanium 02 Frame

Material: Titanium
Sizes: X-Small, Small, Medium, Large
 Unlimited Prescriptions



Standard Titanium 01 Frame

Material: Titanium
Sizes: X-Small, Small, Medium, Large
 Unlimited Prescriptions



Surgical Acuity is proud to feature sports frames manufactured by renowned eyewear icon Rudy Project. Manufactured in Italy, these stylish frames feature adjustable temple arms and nose pads to deliver a truly customized fit.



Rudy Project Sports Frame

Material: Advanced carbon, magnesium, silicium, and titanium
Sizes: One Size
 Limited Prescriptions



Revolution

Material: Magnesium, silicium, and titanium
Sizes: One Size
 Unlimited Prescriptions via insert



The Revolution is the industry's only through-the-flip (TTF) loupe that combines the custom benefits of a TTL with the convenience of a flip-up!



Rigid Headband (one size)



Cloth Headband (one size)

Field Width

Dimension – 3
Class II
5 in (13 cm)

HiRes®
Class II
4 in (10 cm)

HiRes®
Class III
2.75 in (7 cm)

HiRes® Plus
Class III Low
4 in (10 cm)

HiRes® Plus
Class III High
3.5 in (9 cm)

HiRes® Plus
Class IV Low
3 in (8 cm)

HiRes® Plus
Class IV High
2.5 in (6 cm)



Focus on Service



	<u>FLIP-UP LOUPES</u>	<u>THROUGH-THE-LENS LOUPES</u>
Lens Change	\$110 <i>(\$210 Rudy Rx)</i>	\$190 <i>(\$290 Rudy Rx)</i>
1 st Cleaning, Refurbishment & Realignment	\$135	\$135
2 nd Cleaning, Refurbishment & Realignment	\$135	\$135
TOTAL RETAIL PRICE	\$380 <i>(\$480 Rudy Rx)</i>	\$460 <i>(\$560 Rudy Rx)</i>
FOCUS ON SERVICE PRICE	\$195	\$195
YOUR TOTAL SAVINGS	\$185 <i>(\$285 Rudy Rx)</i>	\$265 <i>(\$365 Rudy Rx)</i>

A plan that's better than insurance.

“Now that you've decided which Surgical Acuity loupe system fits your needs, make sure you have a good care plan in place to keep them performing at their optimum level year after year.”

Surgical Acuity's Focus On Service Care Plan keeps your loupes performing at their peak. With its low cost of \$195, you can consider it even better than insurance.

The initial 2-year Focus On Service Care Plan can be purchased anytime during the first 45 days of ownership with consecutive 2-year extension plans available as long as you own the product.

Each 2-year Focus On Service Care Plan includes one (1) lens prescription change, two (2) infection control cleanings, and two (2) refurbishment and realignment services.

Lens Prescription Update

- Achieve the best depth-of-field possible
- Restore working distance
- Reduce eyestrain
- Maximize image size

Infection Control Cleaning

- Frame and hinge ultrasonically cleaned
- Optics disinfected

Refurbishment and Realignment

- Nose pad and temple tips replaced
- Side shields and headstrap replaced
- Optics readjusted and laser aligned
- Frame readjusted
(restores correct four-point alignment)

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