

ellex.



| THE ESSENTIAL YAG LASER |

superQ[®]

The ophthalmic
industry's preferred
YAG laser.

THE ESSENTIAL YAG LASER

The Ellex Super Q® provides such precise and reliable treatments for capsulotomy and iridotomy procedures that it has been the world's best-selling ophthalmic YAG laser since its introduction in 1996. It features a custom-designed laser cavity that provides an exceptional lifespan, as well as both standalone and portable configurations for easy transportation between multiple sites.

The Super Q's refined YAG laser technology provides you with more consistent optical breakdown at lower energy, which is ideal for meeting new challenges in posterior capsulotomy procedures. You and your patients benefit from a lower risk of lens pitting, more efficient tissue cutting with fewer shots, delivery of less cumulative energy, and faster procedures.



Indications for use

Cataract Posterior Capsulotomy

Glaucoma Laser Iridotomy

Diagnose and Treat with the Best

Ellex is dedicated to advancing the role of ophthalmic technology through a line of premium laser and diagnostic ultrasound systems. We engineered our first high-performance ophthalmic laser in 1985, and in 2006 joined with ophthalmic ultrasound pioneers Innovative Imaging, Inc. With more than 15,000 systems delivered to hospitals, clinics and ophthalmic practices worldwide, Ellex is known for its superior quality and commitment to customer care.

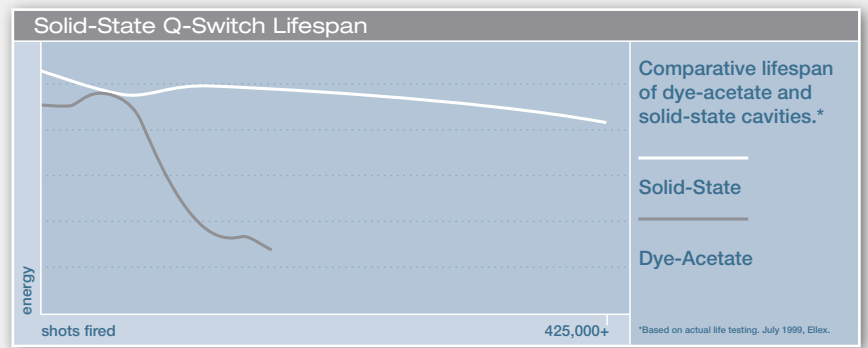
Super Q[®] Features and Benefits

Designed to Maximize Your Workflow

Ellex has integrated the laser and slit lamp for greater efficiency and reliability, as well as for improved ease of use. The Super Q's compact, efficient design provides you with additional working space and convenient, simultaneous access to the patient and laser controls.

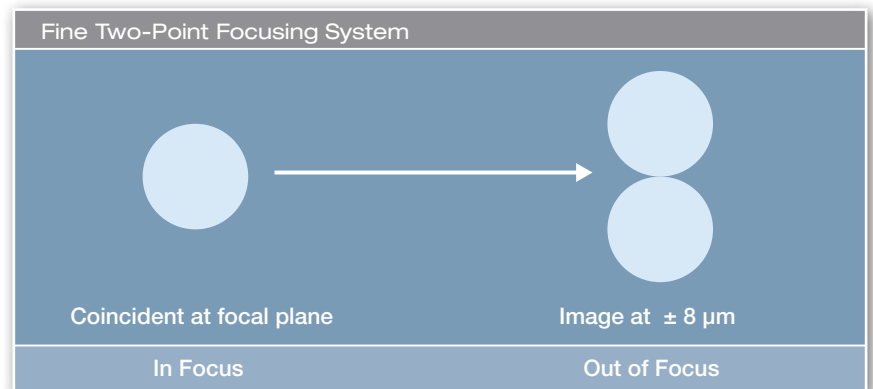
Better Performance Over the Long-Term

The Super Q's solid-state Q-switch is life-tested to deliver 400,000 shots, and does not deteriorate over time like other YAG Q-switches. As a result, you will experience better performance, and a dramatic reduction in long-term operating costs.



Pinpoint Precision

With a tolerance range of $\pm 8 \mu\text{m}$, the Super Q's fine, two-point focusing system in YAG mode makes it easy for you to ensure that the system is always in focus, and that energy is delivered where you intend in relation to your target.





One Powerful Vision

Accessories and Options

Portability

(optional accessory)

The Super Q® breaks down into two portable carry cases for safe and easy transport in a standard passenger vehicle.



Total Solution™ Tables

(optional accessory)

Ellex Total Solution™ tables are designed to meet the needs of any environment. With the added benefit of comfort, flexibility and an optimized patient-surgeon interface, the Total Solution™ range of tables enable you to meet the alignment needs of even your most challenging patients.



- Wheelchair accessible, mobile
- Wheelchair accessible
- Mobile

Product Specifications

Laser Source	Q-switched Nd: YAG
Wavelength	1064 nm
Energy	0.3 to 10 mJ, single pulse continuously variable
Pulse Width	4 ns
Burst Mode	1, 2 and 3 pulses per burst, selectable
Spot Size	8 µm
Posterior Offset	100 to 350 µm, continuously variable
Cone Angle	16 degrees
Repetition Rate	up to 2 hertz
Aiming Beam	red 670 nm, adjustable intensity
Magnification	10x, 16x, 28x
Cooling	air cooled
Electrical Requirements	100-240 VAC, 50/60 Hz, 400 VA
Weight	34kg, 75 lbs. (laser only)
Dimensions (HxWxD)	61 x 92 x 53 cm, 24 x 36 x 21 inches (laser only)
Standard Accessories	remote control, safety glasses, laser safety sign, dust cover
Optional Accessories	Total Solution™ tables, five-position magnification changer, beam splitter, co-observation tube, 35 mm camera adapter, video camera adapter, transport cases, tonometer mount, capsulotomy and iridectomy laser lenses

Specifications are subject to change without notice.

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