



Ellex's vision is to be the leading brand of lasers used by ophthalmologists to fight blindness. This vision is underscored by a strong global presence, a growing number of regional customer service and sales support centers and a single brand name representing the company and its products.



Super Q Features and Options

Portability – the Super Q breaks down into two portable cases for safe and easy transport in a standard passenger vehicle.



Total Mobile™ and Total Access™ tables

Designed to meet the patient alignment needs of ophthalmic offices, ambulatory surgery centers and hospital outpatient clinics.



Product Specifications

Laser Source	Q-switched Nd: YAG
Wavelength	1064 nm
Energy	0.3 to 10 mJ, single pulse continuously variable
Pulse Duration	4 ns
Burst Mode	1, 2 and 3 pulses per burst, selectable
Spot Size	8 microns
Posterior Offset	100 to 350 microns, continuously variable
Cone Angle	16 degrees
Repetition Rate	up to 2 hertz
Aiming Beam	red diode, adjustable intensity
Magnification	10x, 16x, 28x
Cooling	air cooled
Electrical Requirements	100-240 VAC, 50/60 Hz, 400 VA
Weight	47 kg, 104 lbs (as shown)
Dimensions (HxWxD)	151 x 92 x 52 cm, 59 x 36 x 21 inches (as shown)
Standard Accessories	safety glasses, laser safety sign, dust cover
Optional Accessories	Total Mobile™ table, Total Access™ wheelchair-accessible table, five-position magnification changer, beam splitter, co-observation tube, 35 mm camera adaptor, video camera adaptor, carrying cases, tonometer mount, capsulotomy and iridotomy laser lenses

Specifications are subject to change without notice.



THE ESSENTIAL PHOTODISRUPTOR

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superQ®

The ophthalmic clinic's preferred anterior segment laser.



The Ellex Super Q photodisruptor provides precise and reliable treatments for anterior eye disease. The Super Q is designed for easy transport between multiple sites and combines comprehensive safety features with a firing rate of up to 2 Hz. It also features a custom-designed laser cavity with an exceptional lifespan.

The Super Q meets new challenges in posterior capsulotomy procedures through refined YAG laser technology that provides more consistent optical breakdown at lower energy. The result is lower risk of lens pitting, more efficient tissue cutting with fewer shots, less cumulative energy delivered and faster procedures.

Indications for use	
Cataract	Posterior Capsulotomy
Glaucoma	Laser Iridotomy

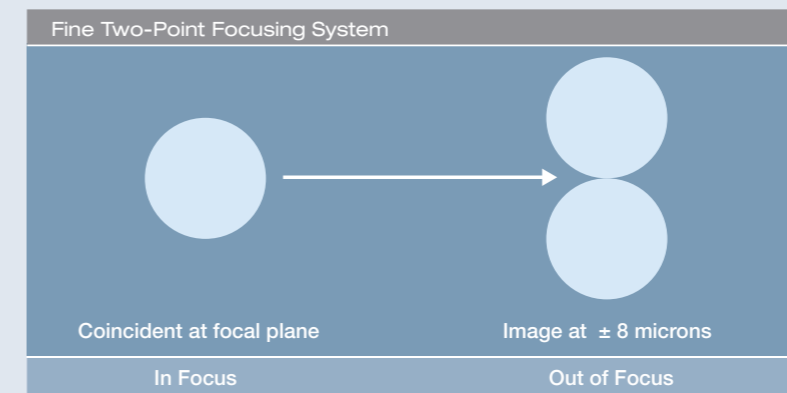
Why You Should Buy Your Laser from Ellex

Ellex engineered its first high-performance ophthalmic laser in 1985, and today is the only laser manufacturer focused solely on the ophthalmic market. Ellex manufactures and sells a complete line of solid-state laser systems for treating cataract, retina and glaucoma patients. In all, more than 10,000 Ellex-manufactured lasers are in use worldwide.

Why the Super Q design is superior

Flexible, Fully Integrated Design

Ellex's fully integrated design optimizes laser treatment and provides a number of advantages, including more stable, reliable and consistent energy delivery. The Super Q's compact, efficient design creates more working space for the physician, as well as convenient, simultaneous access to the patient and laser controls. This self-contained design, in which the laser and controls are integrated into the slit lamp, provides optimal ease of use and flexibility for adapting to different working conditions.



Fine, Two-Point Focusing System

Detection of aiming deviations of as little as 8 microns from the focal plane ensures that energy is placed where intended in relation to the target. With the Super Q's tolerance range of ± 8 microns, the physician can easily detect if the system is out of focus.

Unique, Solid-State Q-Switch Optical Shutter

Life-tested to deliver 400,000 shots, this solid-state Q-switch does not deteriorate over time like more common YAG Q-switches, and dramatically reduces long-term operating costs.

