



One Powerful Vision

Accessories and Options

Total Solution™ Tables  
(standard 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



Indications for use

|          |                 |
|----------|-----------------|
| Cataract | 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. With more than 20,000 systems installed worldwide, Ellex is known for its superior quality and commitment to customer care.

Product Specifications

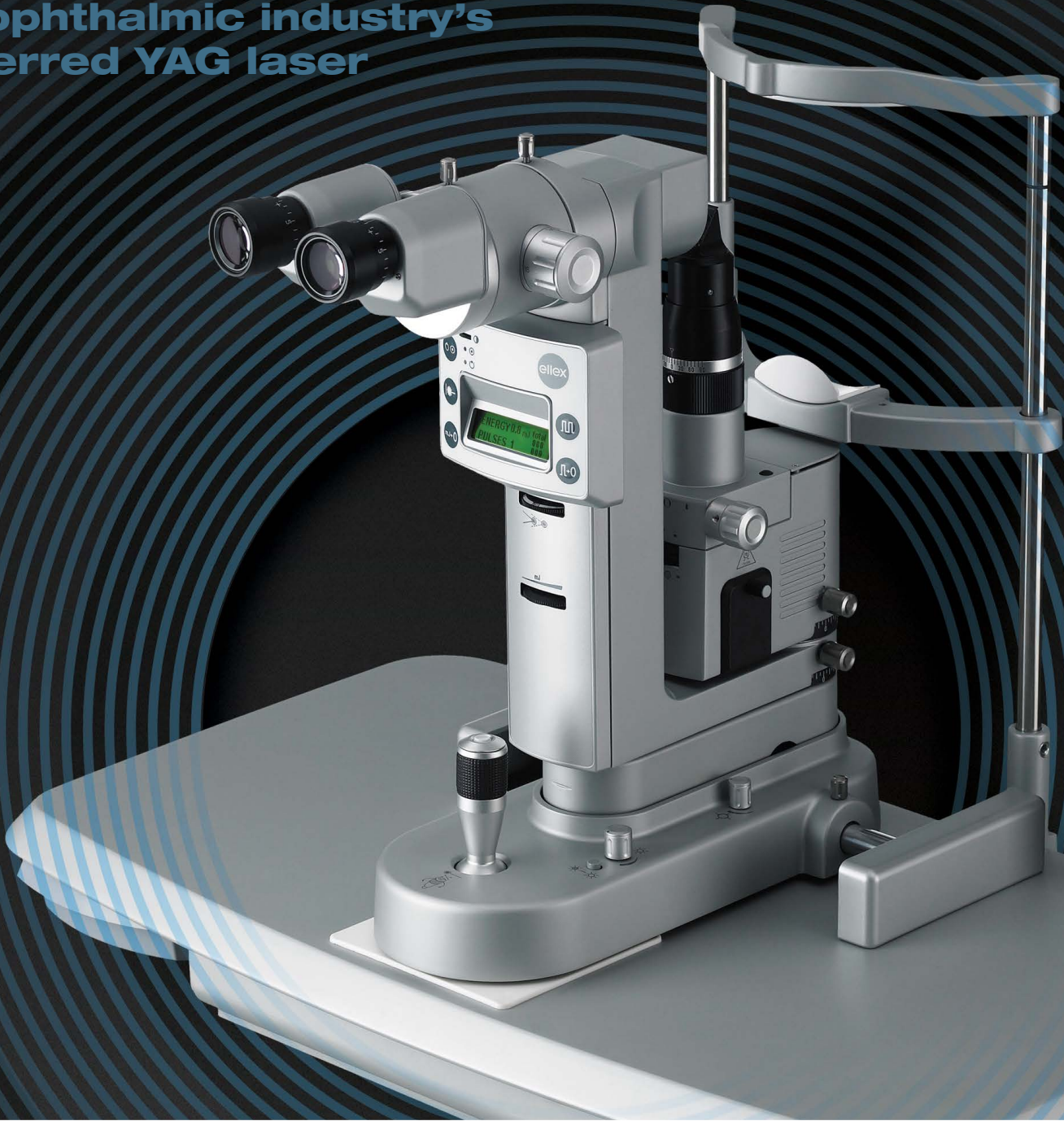
|                         |                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Laser Source            | Q-switched Nd: YAG                                                                                                                                                                       |
| Wavelength              | 1064 nm                                                                                                                                                                                  |
| Energy                  | 0.3 to 10 mJ, single pulse<br>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                  | 26kg, 57 lbs. (laser only)                                                                                                                                                               |
| Dimensions (HxWxD)      | 58 x 76 x 44 cm, 23 x 30 x 17 inches<br>(laser only)                                                                                                                                     |
| Standard Accessories    | Total Solution™ table, safety glasses,<br>laser safety sign, dust cover                                                                                                                  |
| Optional Accessories    | Five-position magnification changer,<br>beam splitter, co-observation tube,<br>35 mm camera adapter, video camera<br>adapter, tonometer mount, capsulotomy<br>and iridotomy laser lenses |

Specifications are subject to change without notice.

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superQ<sup>®</sup>  
the ophthalmic industry's  
preferred YAG laser



Featuring a custom-designed laser cavity that provides an exceptional lifespan and an ergonomic, slimline design, Super Q<sup>®</sup> has been the world's best selling ophthalmic YAG laser since its introduction in 1996.



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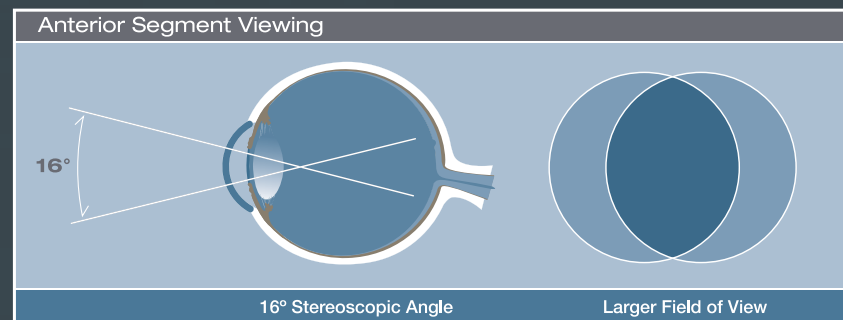
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### 1 Optimized for Anterior Segment Viewing

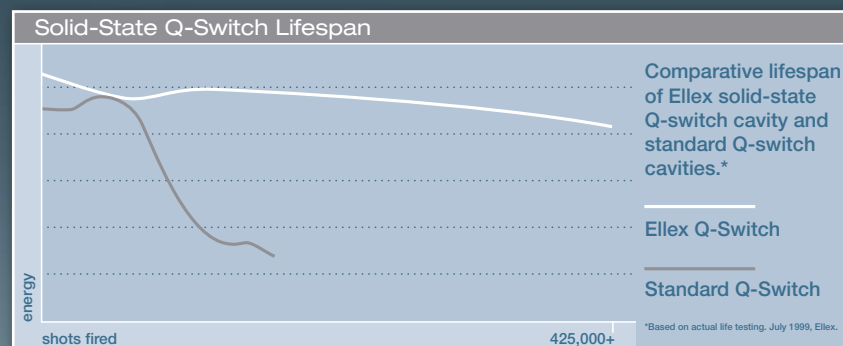


The quality and design of Super Q's slit lamp optics are optimized for anterior segment viewing. Featuring Galilean converging optics with a 16° stereoscopic angle, Super Q® provides a more natural stereoscopic view combined with a shallow depth of field for precision focusing.

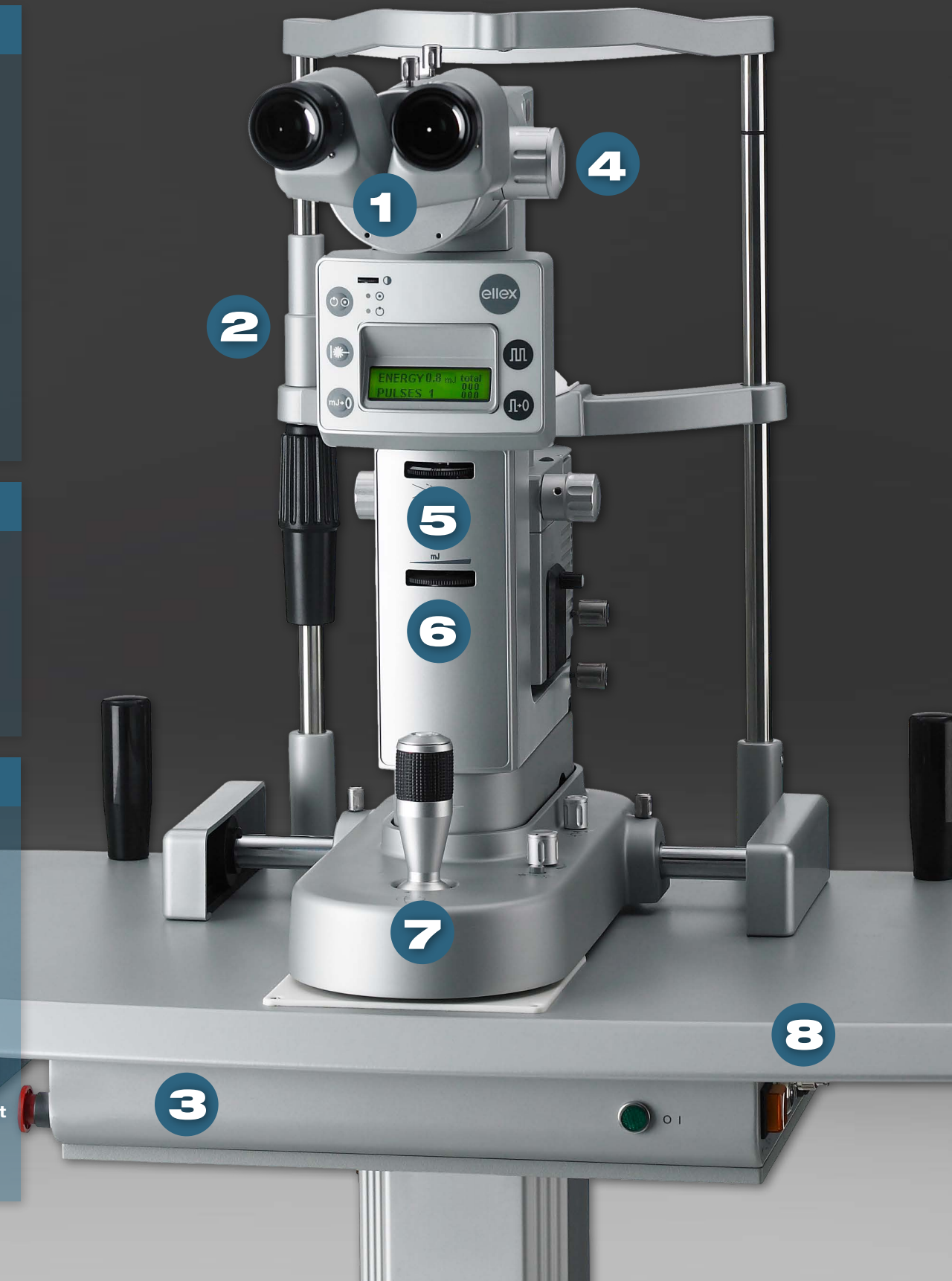
### 2 Designed to Maximize Your Workflow

Ellex has integrated the laser and slit lamp for greater efficiency and reliability, as well as for improved ease of use. Super Q's compact, efficient design provides you with additional working space and convenient, simultaneous access to the patient and laser controls. The central display is just a glance away from the eyepieces, whilst side grips ensure parameters can be changed without changing the slit lamp focus.

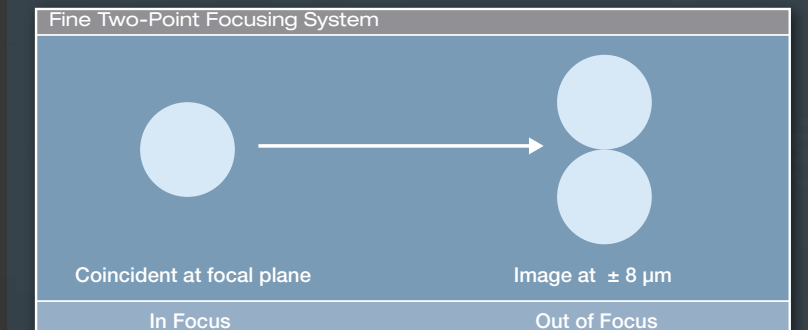
### 3 Better Performance Over the Long-Term



Super Q's solid-state Q-switch, which is made from the industry's finest components, is life-tested to deliver over 400,000 shots without any significant reduction in energy performance or beam quality.



### 4 Pinpoint Precision



With a tolerance range of  $\pm 8 \mu\text{m}$ , Super Q's fine, two-point focusing system 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.

### 5 Accurately Position Optical Breakdown

A continuously variable posterior offset control adjustment (from 100 to 350 microns) provides optimum flexibility.

### 6 IOL-Friendly Photodisruption

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

### 7 Faster Treatment

With a fast firing rate of up to 2 shots per second (2 Hz), Super Q® allows you to perform treatments quickly and efficiently.

### 8 Designed for Physician and Patient Comfort

Super Q® features a slimline console and a small, space-saving table-top for improved physician and patient comfort.