



One Powerful Vision

Accessories

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 meets the alignment needs of even your most challenging patients.



- Wheelchair accessible, mobile
- Wheelchair accessible
- Mobile

Indications for Use

Glaucoma Selective Laser Trabeculoplasty

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, frequency doubled Nd:YAG
Wavelength	green: 532 nm
Energy	0.3 to 2.6 mJ, single pulse, continuously variable
Pulse Width	3 ns
Spot Size	400 µm
Repetition Rate	up to 3 Hertz
Aiming Beam	red 635 nm, adjustable intensity
Magnification	10x, 16x, 28x
Cooling	air cooled
Electrical Requirements	100–240 VAC, 50/60 Hz, 500 VA
Weight	30 kg, 66 lbs (laser only)
Dimensions (HxWxD)	57 x 75 x 44 cm, 23 x 30 x 18 inches (laser only)
Standard Accessories	remote display, safety glasses, laser safety sign, dust cover
Optional Accessories	Total Solution™ tables, tonometer mount, SLT laser lens, footswitch, five-position magnification changer, beam splitter, 35 mm camera adapter, video camera adapter, co-observation tube

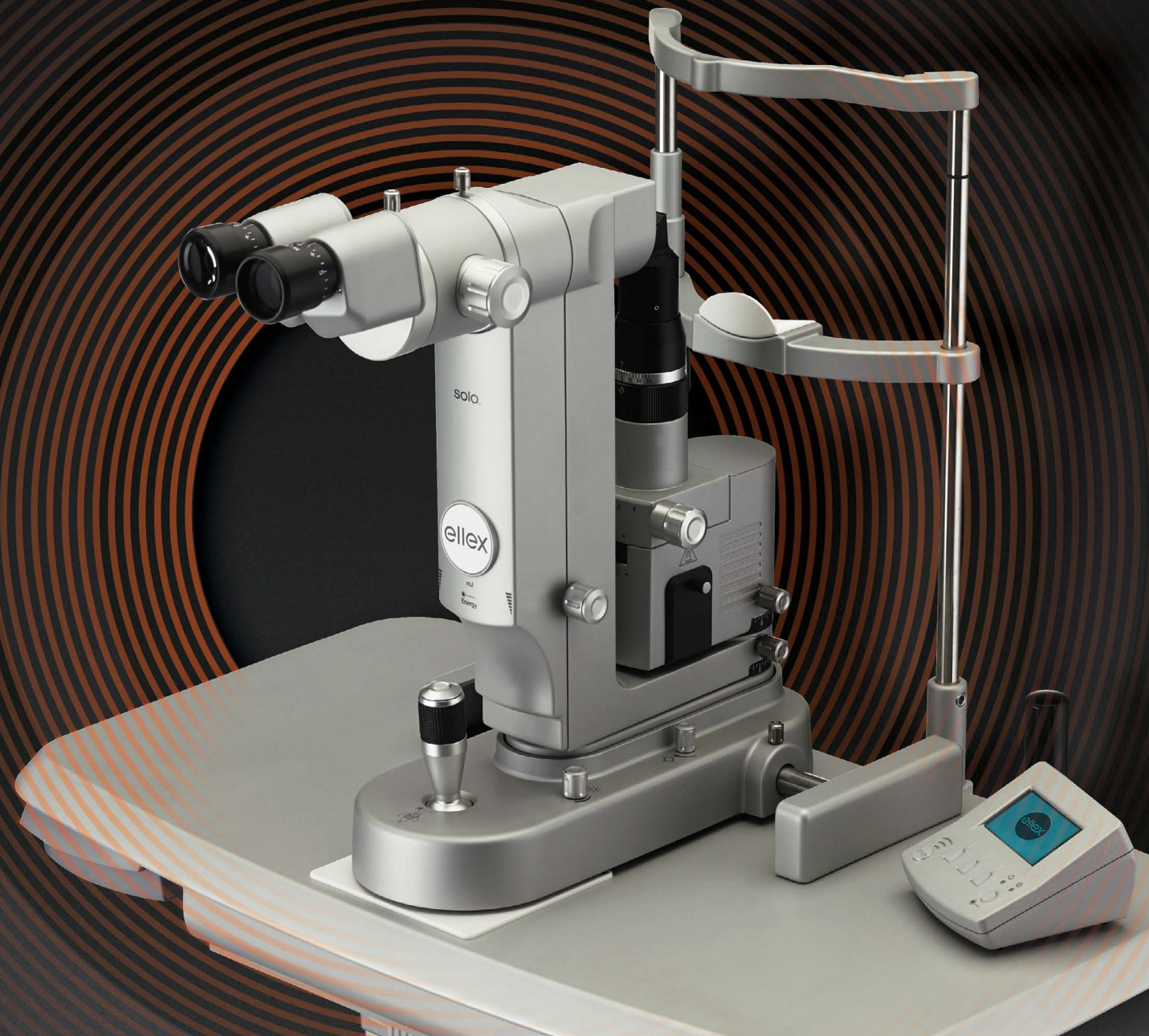
Specifications are subject to change without notice.

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solo™

selective laser trabeculoplasty (SLT) for glaucoma



Designed specifically for selective laser trabeculoplasty (SLT), Solo™ allows you to perform quick and highly accurate glaucoma laser treatment customized to each individual patient's response.



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SLT. Gentle. Effective. Repeatable.

SLT is a highly effective approach for first-line glaucoma treatments, adjunct therapy with drugs, and alternative therapy when drugs or surgery fail. It is also a flexible treatment option, because it can be repeated, if necessary, depending on the individual patient's response.

SLT uses short pulses of low-energy light to target the melanin in specific cells of the affected eye. In response, the body's natural healing mechanisms rebuild these cells, improving drainage and lowering intraocular pressure. The surrounding, non-pigmented cells - as well as the rest of the eye structure - are untouched and undamaged.

Solo™ delivers a gentle, non-invasive approach for stimulating the generation of healthy trabecular meshwork cells and managing intraocular pressure without the burn and scar tissue associated with other laser procedures.

1 Optimized for Anterior Segment Viewing

The quality and design of Solo's slit lamp optics are optimized for anterior segment viewing. Featuring Galilean converging optics with a 16° stereoscopic angle, Solo™ 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. Solo's compact, efficient design provides you with additional working space and convenient, simultaneous access to the patient and laser controls.

3 Faster Treatment

Solo™ features the fastest repetition rate in the industry at 3 shots per second (3 Hz), which allows you to perform quick SLT treatment, even on challenging patients.

4 Precise, Accurate Treatment

Featuring a high level of precision, Solo's parameter settings can be adjusted at 0.1 mJ increments (0.3 to 2.0 mJ). This capability, coupled with superior energy control and the industry's fastest repetition rate at 3 shots per second (3 Hz), enables the delivery of quick and highly accurate SLT treatment. All SLT treatment parameters are designed to industry-recognized treatment protocols, maximizing treatment options and ensuring effective patient results by enabling you to tailor treatment to the individual patient's response.

