



| INTEGRATED SLT LASER |

solo™

State-of-the-art SLT
device for advanced
glaucoma treatment.

INTEGRATED SLT LASER

The Ellex Solo™ is designed specifically for selective laser trabeculoplasty (SLT), an advanced, non-invasive approach for stimulating the generation of healthy trabecular meshwork cells and managing intraocular pressure. This repeatable treatment promotes cellular regeneration without the burn and scar tissue associated with other laser procedures.

The Solo's fully integrated design ensures more stable, reliable and consistent energy, and also minimizes system down time because there are no exposed fiber optic or electrical cables to accidentally damage. With the Ellex Solo™, you will experience greater precision and superior energy control. In addition, the fastest repetition rate in the industry at 3 hertz allows you to perform quick and highly accurate SLT treatment customized to each individual patient's response.



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. 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.

Solo™ Features and Benefits

SLT Technology

The Ellex Solo™ features a high level of precision, in which 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 fastest repetition rate in the industry at 3 hertz, 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 the physician to tailor treatment to the individual patient's response.

SLT Photoregeneration

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.

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 Solo's compact, efficient design provides you with additional working space and convenient, simultaneous access to the patient and laser controls.



One Powerful Vision

Value-Added SLT

In order to maximize the potential of SLT within your practice, Ellex has developed the Value-Added SLT Program. This program delivers a number of tools designed to increase the visibility of SLT among patients, and provides a wealth of treatment information based on the extensive experience of doctors, researchers and clinicians who are considered SLT experts by the field. Topics include how to qualify patients for treatment, optimal treatment techniques and the latest SLT research studies from around the world.

The Ellex Value-Added SLT Program includes:

SLT Physician Website: slt-ellex.com

- “Ask the Experts” for clinical tips and questions
- Ongoing global study results
- Clinical bibliography
- Treatment protocols
- Upcoming conferences, user groups, and other events



Practice Marketing Tools

- Media press kit for raising visibility and awareness
- Patient education brochures and DVD presentation



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 92 x 44 cm, 23 x 36 x 18 inches (laser only)
Standard Accessories	remote control, 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

Not for sale in the United States. Specifications are subject to change without notice.

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ellex.com

Headquarters

82 Gilbert Street
Adelaide, SA, 5000 AUSTRALIA
+61 8 8104 5200

Japan

4-3-7 Miyahara 4F, Yodogawa-ku
Osaka 532-0003 JAPAN
+81 6 6396 2250

USA

7138 Shady Oak Road
Minneapolis, MN, 55344 USA
800 824 7444

Germany

Ostring 45
63533 Mainhausen GERMANY
+49 6182 9292 95

Australia

Suite 2, Ground Floor, 18-20 Orion Road
Lane Cove, NSW, 2066 AUSTRALIA
1800 817 920

Europe Support Center

108, avenue Marx Dormoy
63000 Clermont-Ferrand FRANCE
+33 4 73 34 18 55