



| SLT/YAG COMBINATION LASER |

tango™

Groundbreaking SLT
and YAG treatments
from a single system.

SLT/YAG COMBINATION LASER

The Ellex Tango™ provides selective laser trabeculoplasty (SLT) and YAG capabilities in a single, advanced laser system. Featuring a proprietary dual-mode laser cavity, the Tango ensures efficient delivery of laser energy and is life-tested to deliver 400,000 shots.

The Tango's SLT mode 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. With the Ellex Tango™, you will experience greater precision and superior energy control. The Tango™ also features the fastest repetition rate in the industry at 3 hertz, which allows you to perform quick and highly accurate SLT treatment customized to each individual patient's response.

The Tango's YAG mode provides optimized, ultra-low optical breakdown – delivering less energy to the eye and allowing you to perform capsulotomies with all types of intraocular lenses (IOLs) with significantly less risk of lens pitting.



Indications for use

Glaucoma Selective Laser Trabeculoplasty
 Laser Iridotomy

Cataract Posterior Capsulotomy

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.

Tango™ Features and Benefits

SLT Technology

The Ellex Tango™ 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.

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

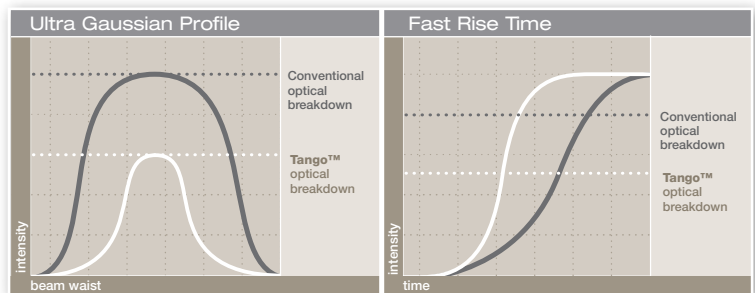
Ellex has integrated the laser and slit lamp for greater efficiency and reliability, as well as for improved ease of use. The Tango's compact, efficient design provides you with additional working space and convenient, simultaneous access to the patient and laser controls.

Greater Efficiency at the Touch of a Button

Designed to make procedures as efficient as possible, the Tango™ incorporates a proprietary dual-mode laser cavity design – allowing you to instantly switch between SLT and photodisruptor modes at the touch of a button.

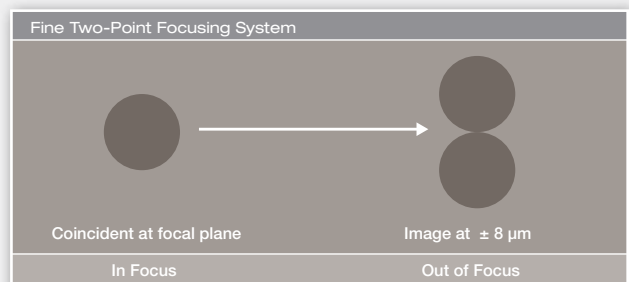
Efficient Energy Delivery

When in YAG mode, the Tango's Ultra Gaussian spot profile and fast rise time enable you to perform capsulotomies and iridotomies at lower, more efficient energy levels. This ultra-low energy optical breakdown (in air) of approximately 1.8 mJ in optimal conditions is compared to fundamental mode lasers that typically achieve optical breakdown (in air) at 3 to 4 mJ.



Pinpoint Precision

With a tolerance range of $\pm 8 \mu\text{m}$, the Tango'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

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

	SLT	YAG
Laser Source	Q-switched, frequency doubled Nd:YAG	Q-switched Nd:YAG
Wavelength	green: 532 nm	1064 nm
Energy	0.3 to 2.6 mJ, per pulse, continuously variable	0.3 to 10 mJ, per pulse, continuously variable
Pulse Width	3 ns	4 ns
Burst Mode	single pulse only	1, 2 and 3 pulses per burst, selectable
Spot Size	400 µm	8 µm
Cone Angle	<3 degrees	16 degrees
Posterior Offset	not applicable	100 to 350 µm, continuously variable
common to both		
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	31 kg, 68 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, capsulotomy and iridectomy laser lenses, 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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