



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.



Solitaire Features and Options



Laser Indirect Ophthalmoscope (LIO)

Lightweight design based on the Heine Omega 180 binocular indirect ophthalmoscope with coaxial laser beam and illumination.



Power Control™ footswitch

Energy can be increased or decreased using the footswitch, while maintaining visual focus on the target and hand control over the slit lamp.



Endo probes (straight, curved, aspirating and illuminating) and operating room microscope safety filters (fixed, motorized and dual motorized)

Suit most Zeiss, Leica, Moeller-Wedel, Wild and Topcon models.



Slit Lamp Delivery Systems (SDS)

Adapt to Haag-Streit 900BM/BQ, Zeiss SL130 and similar slit lamps.

Integrated high-visibility eye safety filter

Custom notch coating provides a clear view while protecting the operator from the treatment beam.

Product Specifications

Laser Source	diode-pumped solid-state
Wavelength	green: 532 nm
Power to the Cornea	0.5 to 1.5 watts
Exposure Time	0.01 to 4.0 seconds
Spot Size	50 to 1000 microns, continuously variable
Repeat Mode	up to 10 hertz
Aiming Beam	red diode, adjustable intensity
Cooling	air cooled
Electrical Requirements	100-240 VAC, 50/60 Hz, 800 VA
Weight	8.5 kg, 19 lbs (as shown)
Dimensions (HxWxD)	12 x 28 x 33 cm; 5 x 11 x 13 inches (as shown)
Delivery Systems	Slit Lamp Delivery Systems (SDS) to adapt to Haag-Streit 900BM/BQ, Zeiss SL130 and similar slit lamps, Laser Indirect Ophthalmoscope (LIO), endo probes (straight, curved, aspirating and illuminating) and operating room microscope safety filters (fixed, motorized and dual motorized) to suit most Zeiss, Leica, Moeller-Wedel, Wild and Topcon models
Standard Accessories	footswitch, safety glasses, laser safety sign, dust cover
Optional Accessories	Power Control™ footswitch, photocoagulator laser lenses

Specifications are subject to change without notice.

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VERSATILE, SOLID-STATE PHOTOCOAGULATOR

solitaire™

Full-featured,
portable ophthalmic
laser for operating
rooms and clinics.



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VERSATILE, SOLID-STATE PHOTOCOAGULATOR

solitaire.

The Ellex Solitaire is a full-featured, solid-state green laser system that is portable and versatile for use in both operating rooms and clinics. Compact and efficient, it is designed for use with a wide variety of industry-standard delivery systems and accessories.

The Solitaire incorporates a true continuous wave laser beam and active light regulation

that ensures consistent energy is delivered throughout the selected exposure time.

The Solitaire can be configured with dual fiber ports that allow two delivery systems to be connected at the same time, as well as three memory options to store frequently used procedure settings.



Indications for use

Retina Transpupillary Retinal Photocoagulation
Intravitreal Endophotocoagulation

Glaucoma Laser Trabeculoplasty
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 Solitaire design is superior

Optional Dual Fiber Ports

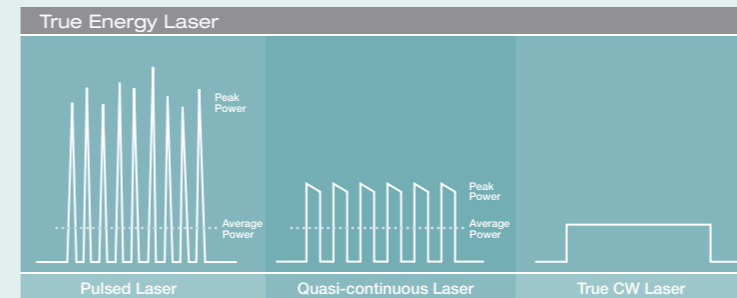
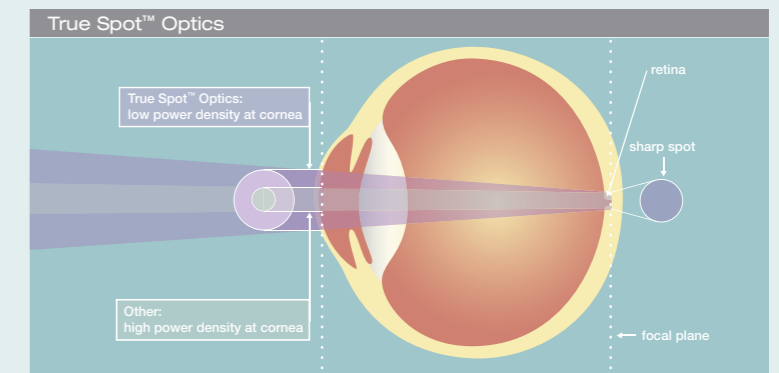
This option allows the operator to easily switch between two delivery systems without disconnecting and connecting fibers to the laser console.

Programmable Procedure Memory

For easy recall and faster set up, the Solitaire remembers three programmable sets of parameters that are accessed on the front panel.

True Spot™ Optics in All Slit Lamp Adaptors

The True Spot™ optical system offers a uniform, sharp-edged top-hat beam on the retina, providing the benefits of a parfocal system, with the added comfort of low power density at the cornea.



True Energy Laser

The proprietary, Ellex-designed laser provides predictable and consistent energy through a true, continuous-wave laser beam with active light regulation throughout the selected exposure time.