



| VERSATILE GREEN LASER |

solitaire[™]

Full-featured, portable green laser for the clinic and operating room.

30XL™

| LASER SLIT LAMP |

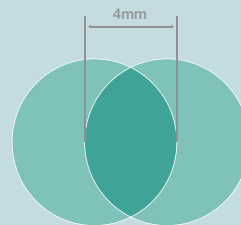
Magnification	5x, 8x, 12.5x, 20x, 31x with 12.5x eyepieces (± 5 D compensation range)
Field of View	45-7 mm in diameter
Stereoscopic Angle	10 degrees
Working Distance	119 mm, exit prism/patient's eye
Illumination	12 V, 30 W halogen lamp, more than 150,000 lux
Brightness	continuously adjustable
Slit Width	0-10 mm, continuously adjustable; index markings 0.3/1/3/5/7/10 mm
Slit Rotation	± 90 degrees
Slit Decentration	± 7 degrees horizontal
Travel of Instrument Base	110 mm lateral, 110 mm longitudinal, 30 mm vertical
Vertical Adjustment of Chin Rest	70 mm
Weight	14 kg, 31 lbs.
Electrical Requirements	100-240 VAC, 50/60 Hz, 98 VA
Filters	Heat Absorb (HA); Red-Free (G); Cobalt Blue (B)



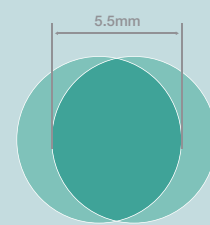
Optimized for Retina

The Ellex 30XL™ Laser Slit Lamp combines a unique 10-degree convergence angle of viewing paths with high-resolution optics to create better depth perception and an improved stereo angle for superior peripheral retina viewing.

Optimized Retina Slit Lamp



Standard 14° stereo angle and 4mm stereo field of view



Ellex 30XL 10° stereo angle and 5.5mm stereo field of view

The Ellex 30XL™ Laser Slit Lamp is not available for sale in Australia.

solitaire™

| VERSATILE, PORTABLE GREEN LASER |

The Ellex Solitaire™ is a high-powered, full-featured green laser system designed for portability and versatility in both clinics and operating rooms. With the Solitaire™, you can count on optimum performance. The system features a true continuous wave laser beam and real-time energy control that ensures consistent delivery of energy throughout the selected exposure time.

The compact and efficient Solitaire™ can be configured with a dual-fiber port that allows two

delivery systems to be connected at the same time, and provides automatic device detection. Three memory options enable storage of frequently used procedure settings. And, if you prefer a turnkey approach, the Solitaire Solution™ package combines the Solitaire™ with a wide range of industry-standard delivery systems and accessories configured to meet the widest variety of patient needs and to optimize practice efficiency.



Indications for use

Retina Retinal Photocoagulation

Glaucoma Laser Trabeculoplasty
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. We engineered our first high-performance ophthalmic laser in 1985, and in 2008 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.

Solitaire™ Features and Benefits

Switch While Staying Connected

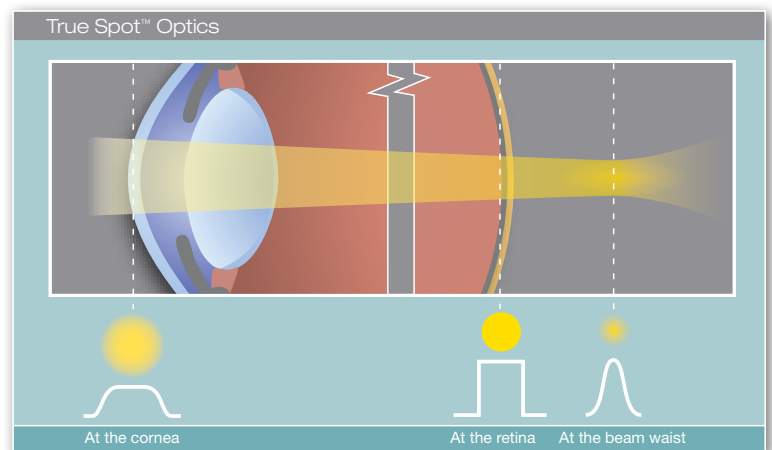
Optional dual fiber ports allow you to easily switch between two delivery systems without disconnecting and connecting fibers to the laser console.

Easy, Recall and Fast Set-Up

The Solitaire™ features a programmable procedure memory that allows you to pre-set and store three different sets of parameters, which are quickly and easily accessed from the front panel of the system.

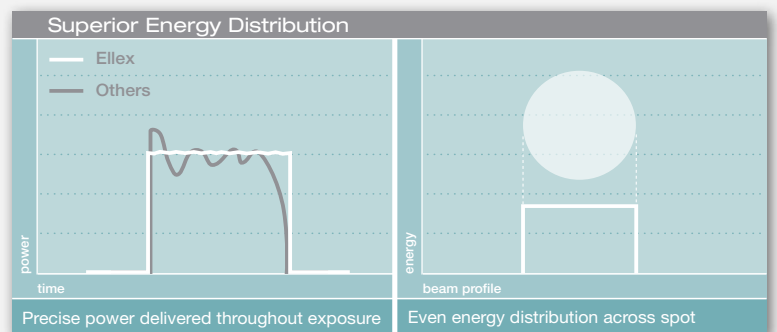
True Spot™ Optics

The Solitaire's True Spot™ optical system ensures that you are able to work with a uniform, sharp-edged, top-hat beam on the retina with the comfort of low power density at the cornea.



Superior Energy Distribution

The Solitaire™ delivers even energy across the full diameter of the spot, from the beginning to the end of exposure, without creating hot spots. This is because we use the highest quality optics and laser components in the industry, with real-time, active light feedback that continuously monitors and adjusts power output throughout each exposure.



OR Solution

Dual Port Configuration

Switch between endo probe and LIO with the push of a button.

Procedure Memory

Quick procedures with pre-programmed settings.

Power Control™ Footswitch

Hands-free power adjustment.



Endo Probes



Laser Indirect Ophthalmoscope



High-Visibility Eye Safety Filter



Clinic Solution

30XL™ Laser Slit Lamp

The 30XL™ laser slit lamp combines a unique, 10-degree convergence angle viewing path and high-resolution optics to provide optimal illumination of the fundus and superior peripheral viewing.

True Spot™ Optics

Uniform, sharp-edge top-hat beam on retina with low power density at the cornea.



Power Control™ Footswitch



Laser Indirect Ophthalmoscope



Slit Lamp Adapters
(to suit Zeiss, Haag Streit and clones)





One Powerful Vision

Accessories and Options

Slit Lamp Adapters

Wide range of adapters to suit Ellex 30XL™, Zeiss 30SL and SL130, Haag-Streit 900BM/BQ and similar slit lamps.



Laser Indirect Ophthalmoscope (LIO)

This lightweight-design LIO is based on the Heine Omega 180 binocular indirect ophthalmoscope, with coaxial laser beam and illumination.



Endo Probes

Endoprobes (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.



High-Visibility Eye Safety Filter

The eye safety filter features a custom high-quality coating that ensures a clear, color-balanced view while ensuring optimal/safe protection from the treatment beam.



Cart

Custom mobile cart to provide easy access and storage for accessories.



Table Mount

Custom mount designed to securely attach the Solitaire to a table. Adjustable tilt for easy viewing and access to controls.

Power Control™ Footswitch

Adjust critical treatment parameters while maintaining hands-on control of the slit lamp – without disturbing your view of the retina.

Product Specifications

Laser Source	diode pumped solid-state
Wavelength	green: 532 nm
Power Delivered	
Single Port Configuration	slit lamp: 50 - 1200 mW endo probe: 50 - 1500 mW
Dual Port Configuration	slit lamp: 50 - 1500 mW endo probe: 50 - 2000 mW
Exposure Time	0.01 to 4.0 seconds
Repeat Mode	up to 10 hertz
Aiming Beam	red 635 nm, adjustable intensity
Electrical Requirements	100–240 VAC, 50/60 Hz, 800 VA
Cooling	air cooled
Weight	7.4kg, 17 lbs. (console only)
Dimensions (HxWxD)	14 x 28 x 37 cm, 5.5 x 11 x 15 inches (console only)
Delivery Systems	Ellex 30XL™ laser slit lamp, slit lamp adapters to suit Haag-Streit 900BM/BQ, Zeiss SL130 and 30SL, and similar slit lamps, Laser Indirect Ophthalmoscope, endo probes and operating room microscope safety filters
Standard Accessories	footswitch, safety glasses, laser safety sign
Optional Accessories	Power Control™ footswitch, photocoagulator laser lenses, tonometer mount for Haag-Streit and similar slit lamps, beam splitter, co-observation tube, camera adapter for various slit lamps, transport case

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