



| INTEGRATED GREEN LASER |

integre®

The first green laser to optimally integrate the laser and slit lamp.

INTEGRATED GREEN LASER

The Ellex Integre® is the first and only green laser that integrates the laser cavity and slit lamp in an efficient, self-contained design. This fully integrated design ensures more stable, reliable and consistent energy. It also minimizes system downtime, because there are no exposed fiber-optic or electrical cables to accidentally damage.

Designed for offices and outpatient clinics, the Ellex Integre® features a unique True Spot™ optical system that delivers a sharp-edged, uniform laser spot at the retina. The result is consistent and repeatable tissue effect for precise treatment of a number of retinal conditions. With the Ellex Integre®, you will experience greater control, precision and efficiency while delivering maximum care to your patients.



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.

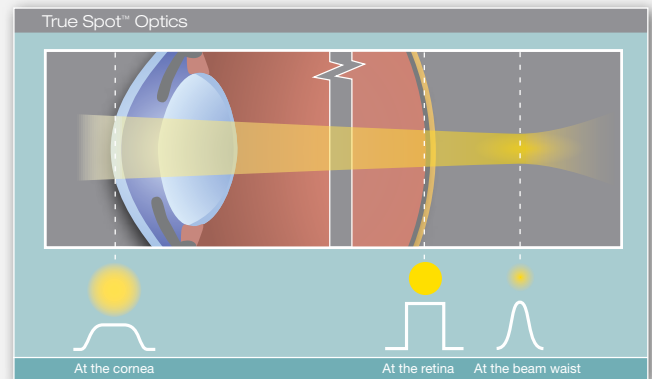
Integre® Features and Benefits

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

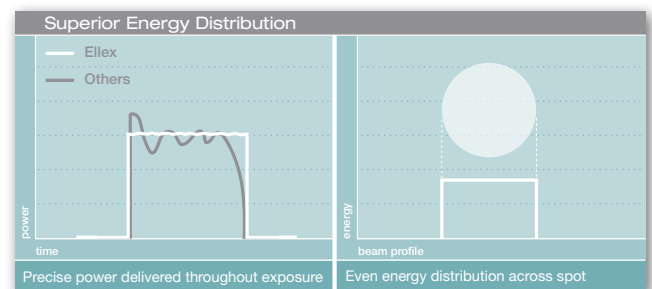
True Spot™ Optics

The Integre'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.



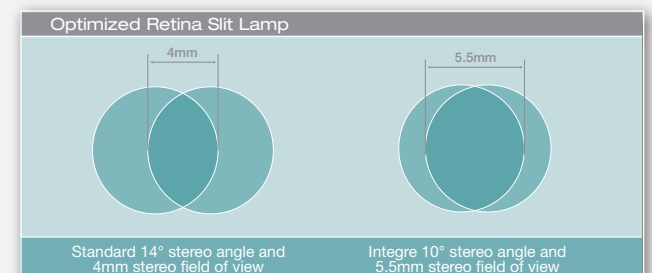
Superior Energy Distribution

The Integre® 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.



Superior Viewing

The Integre's unique, 10-degree convergence angle of viewing paths and high-resolution optics improve depth perception and create a better stereo angle for superior peripheral viewing.





One Powerful Vision

Accessories and Options

Power Control™ Footswitch

(optional accessory)

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



Laser Indirect Ophthalmoscope (LIO)

(optional accessory)

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



Total Solution™ Tables

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 enable you to meet the alignment needs of even your most challenging patients.

- Wheelchair accessible, mobile
- Wheelchair accessible
- Mobile



Motorized Eye Safety Filter

(optional accessory)

The motorized 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.

Product Specifications

Laser Source	diode pumped solid-state
Wavelength	green: 532 nm
Power to the Cornea	50 to 1500 mW
Exposure Time	0.01 to 4.0 seconds
Spot Size	50 to 1000 µm, continuously variable
Repeat Mode	up to 10 hertz
Aiming Beam	red 635 nm, adjustable intensity
Micromanipulator	ambidextrous, vibration damped
Magnification	6x, 10x, 16x, 28x, 45x
Electrical Requirements	100–240 VAC, 50/60 Hz, 800 VA
Cooling	air cooled
Weight	41kg, 90 lbs. (laser only)
Dimensions (HxWxD)	62 x 92 x 51 cm, 24 x 36 x 20 inches (laser only)
Standard Accessories	footswitch, Total Solution™ tables, remote control, safety glasses, laser safety sign, dust cover
Optional Accessories	LIO, motorized safety filter, beam splitter, co-observation tube, 35mm camera adapter, video camera adapter, tonometer mount, photocoagulation laser lenses

Specifications are subject to change without notice.

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