

*clear & preserve
vision*



OPTOTEK
medical

OptoYag & SLT

clear & preserve vision

OptoYAG&SLT

The OptoYag&SLT laser system utilizes two treatment modalities considered the gold standard in capsulotomy and treatment of glaucoma.

Selective laser trabeculoplasty (SLT) is an advanced, non-invasive primary or secondary treatment of increased intraocular pressure. It employs short pulses of specific wavelength that selectively target the melanin-containing cells in the trabecular meshwork while preserving the adjacent non-pigmented eye structures. Low-energy laser irradiation evokes cytokines response what consequently activates the macrophages which clear the damaged cells. Increased trabecular meshwork porosity restores balanced aqueous outflow and lowers the intraocular pressure.

UNRIVALED SLT LASER SYSTEM

Optotek SLT laser is a staple of glaucoma treatment for every doctor's practice. Compact design, 33 energy levels in the range of 0,2 to 2,6 mJ, a red aiming beam allowing a precise focusing of the treatment beam, and built-in safety features ensure quick, safe and effective office-based SLT treatment.

STREAM OF TECHNOLOGIES FOR SUPERIOR EFFECTIVENESS

YAG mode of the OptoYag&SLT represents a synergy of optimized focusing optics, high accuracy and precision of the aiming beam system, and clean and stable Gaussian laser beam profile. Having excellent photodisruptor capability, the Optotek YAG laser enables best treatment results using lower energy and fewer shots.

HIGH POWER e-SlitLight™ LED ILLUMINATION SYSTEM

Tired of replacing slit lamp bulb? Want to have a brighter light? The e-SlitLight™ LED slit lamp offers thousands of hours of bright white light originating from the solid state LED light source. The LED illumination enhances color, detail and contrast and therefore highly improves imaging. Additionally, its minimal heat emission makes the treatment comfortable even for the dry eye patients.





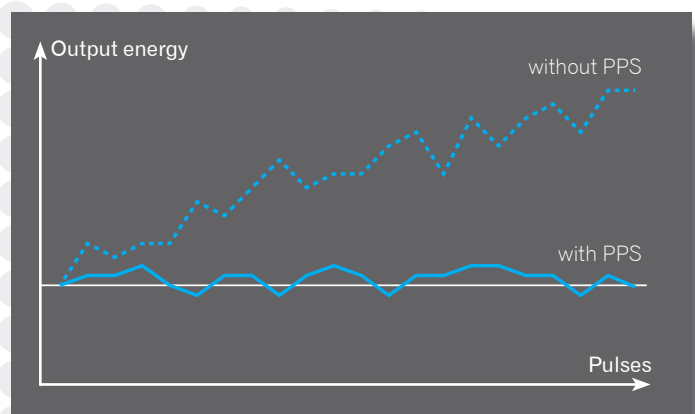
UNIQUE FES™ (FINE ENERGY SETTING) TECHNOLOGY FOR UNMATCHED PRECISION

Advanced technical solutions and sophisticated electronics incorporated into the OptoYag&SLT allow for a precise adjustment of energy in order to match the specific needs of the therapy or the patient. The fine energy setting buttons are conveniently located just next to the joystick, offering the physician easy and accurate adaptation of energy to the patient's eye response.



PPS™ (PULSE TO PULSE STABILITY) TECHNOLOGY FOR ADVANCED SAFETY

Optotek has spent extra time and effort to ensure reliability and safety of the system. The OptoYag&SLT incorporates the superior PPS™ technology for constant monitoring and control of the output energy. The energy of each and every laser pulse exactly matches the set energy value which eliminates any risk occurring from random change in the output energy.



**MONOLITHIC DESIGN
FOR ULTIMATE COMFORT
AND EASE OF USE**

The OptoYag&SLT integrates both lasers, slit lamp and side mounted motorized table into a compact and stable laser system. Smooth mechanisms and ergonomic design ensure user-friendly operation and maximize the comfort for both physician and patient. The design of the table allows full wheelchair access and thus also meets the needs of disabled patients.





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With many years of experience in ophthalmic lasers, Optotek has a clear vision of its mission – to deliver the innovative tools and solutions to the ophthalmologists worldwide.

Designing and manufacturing User-friendly, Safe, Effective, and Reliable products is a key element of Optotek's corporate philosophy.