

For Immediate Release

Topcon introduces the SL-PA04 model of slit lamp for the PASCAL Synthesis laser series.

October 25, 2019 - Topcon's PASCAL, the original and widely used pattern scanning laser, introduces the PA04 slit lamp delivery system, with added features.

The PASCAL (Pattern Scanning Laser) method of photocoagulation was initially developed at Stanford University and it is designed to treat retinal diseases using a single spot or a pre-selected pattern array.

In its continuous advance in innovative technology Topcon introduces a totally re-engineered slit lamp with the Synthesis series of Pattern Scanning Lasers. The PA04 slit lamp comes standard with new functions.



- **LED Illumination** – The new LED illumination delivers bright, sharp and homogeneous slit beam that improves subtle detail observation during treatment.
- **Incorporated Micromanipulator** - Comfortably located on the back panel of the slit lamp body, the micromanipulator allows for precise location of the aiming beam and treatment beams without movement of the patient's eye.
- **Power Adjustment Knob** – The power adjustment knob, also located on the back panel, permits quick and precise adjustment of the laser treatment power.
- **CB-8 Binocular System** – The new and improved CB-8 binocular system provides enhanced vision without flare and increased viewing comfort. The 10x eyepieces and 8-degree angle facilitates fusion, especially in users with shorter PD. The



smooth movement of the PD adjustment makes it easier to find a comfortable pupillary range.

- **Gooseneck Fixation Target** – The new gooseneck target adds flexibility to the managing of the patient’s fixation during treatment.
- **Magnification Configuration** - New magnification configuration improves visibility of the treatment area with the different fundus lenses. The 5x; 8x; 13x 20x and 32x magnification grouping allows for a wider and more comfortable view.

In order to help you help your patients, Topcon never stops improving. These recent advances summed to the traditional and reliable features of PASCAL, such as short pulse duration, wide variety of patterns, 4-Fiber Beam Delivery, precise pattern spacing and optional Endpoint Management™ and PSLT™ software place the PASCAL at the forefront of pattern generating lasers for treatment of retina and anterior segment.

“When you understand the science behind our advancements, you’ll understand why PASCAL Synthesis is really a synthesis of innovations, all working together to further the field of ophthalmology.”

About Topcon Medical Lasers Systems

Topcon Medical Laser Systems (TMLS) is the global leader in manufacturing ophthalmic lasers for the treatment of retinal diseases. We are dedicated to working with eye care professionals to evolve standards of care and provide significant benefits to both physicians and patients. With innovative technology developed at Stanford University (and the former OptiMedica), the family of PASCAL Pattern Scanning Lasers provide improved performance for physicians and an enhanced therapeutic experience for patients - focused on safety, precision, treatment speed and comfort. TMLS has proven experience in the ophthalmic laser industry and we are committed to deliver superior laser product development to our customers. Our mission is to pursue excellence in quality manufacturing and unparalleled customer support services.

For more information, please visit

Pascalvision.com