

JenaSurgical by Asclepion presents the latest MultiPulse PRO Family addition, the MultiPulse PRO DUO

Introduction of the MultiPulse PRO DUO – Latest addition to the MultiPulse PRO Family – CO₂ laser for ENT, microsurgery, gynecology and general surgery – Innovative technologies with PSD® and U-pulse technology – Variety of handpieces and scanning units – Revolutionary waveguide Hollow Fiber – Customized scanning shapes and 25 specific protocols for easy operation

JENA, Germany, May 20th, 2021 – JenaSurgical is Asclepion Laser Technologies GmbH's successful brand for laser devices used in general surgery and precision microsurgery in various fields such as urology, gynecology or oncology. The constant development of new technologies has made Asclepion an outstanding company in the optical industry. Asclepion hereby announces the launch of the MultiPulse PRO DUO, the latest addition to the MultiPulse PRO Family. After the successful introduction of the MultiPulse CO₂ laser range in 1998 and the launch of the innovative MultiPulse PRO laser in 2018, JenaSurgical now sets new standards again, offering further advantages for the surgeon.

The flexible solution in CO₂ laser surgeries

The MultiPulse PRO DUO is JenaSurgical's latest addition to the MultiPulse PRO Family. Like its affiliate laser, the MultiPulse PRO, the DUO version is a high quality CO₂ laser with a wavelength of 10,600 nm, which is best absorbed in water and therefore the ideal choice for soft tissue treatments in ENT microsurgery, gynaecological surgery as well as general surgery.

The MultiPulse PRO DUO comes in a modern design and with the latest technology, offering numerous advantages for easy to perform surgeries. Suitable for all photoablation treatments, this device facilitates the work of a surgeon thanks to the synergy of the following technologies: The Smart Pulse with PSD® (Pulse Shape Design) for optimal pulse and the U-pulse technology, which offers the highest peak power with the shortest pulse duration in order to minimize the thermal effect on the tissue.

Additionally, its variety of accessories makes the MultiPulse PRO DUO an outstanding product on the market. From different scanning units and various handpieces to the innovative Hollow Fiber, a waveguide for the most flexible CO₂ laser surgeries, the MultiPulse PRO DUO opens up new treatment possibilities in its intended surgical fields.

Revolutionary waveguide – the Hollow Fiber

JenaSurgical introduces the new Hollow Fiber, a waveguide for more flexible treatments with the MultiPulse PRO DUO. With this technology, the MultiPulse PRO DUO opens up completely new treatment possibilities such as minimally invasive ENT procedures, which call for maximum precision and flexibility. With this fiber option, the surgeon can now reach even the most difficult areas, benefiting from the 2 meter cable length, the 500 µm core and the maximum power output of 40 watts.

The Hollow Fiber can be used with handpieces of different shapes, depending on the surgeon's needs. The suitable, flexible lightguide handpieces are intended for procedures in ENT, neurosurgery and general surgery. Furthermore, the use of the Hollow Fiber allows for the Da Vinci surgical procedure thanks to its robotic introducer.

Wide range of accessories for your daily practice

The whole MultiPulse PRO Family comes with a variety of different scanning units and handpieces, and so does the MultiPulse PRO DUO. It can be optionally equipped with six different handpieces (1.5", 2", 4", 5", 7", 8"), varying in their spot sizes for high performance in specific fields of application. Additionally, the MultiPulse PRO DUO can be equipped with the following scanning systems: HiScan Surgical, in combination with EasySpot Hybrid Micromanipulator, allows operators to choose the most suitable scanning setting for microsurgical procedures. The scanner features ESLA technology (Electronic Scanned Laser Ablation) for complete control of the density, type and scanning speed, ablation depth and coagulation percentage when cutting. The scanning unit EndoScan is the ideal choice for ENT, laparoscopic gynaecological surgery as well as general surgery, completing the broad set of scanning units within the MultiPulse PRO Family. One further advantage are the fully customized scanning shapes, which provide the surgeon with different cutting or ablation patterns, i.e. line, curve, circle, spiral, hexagon or clover shape of variable length and controlled depth.

Specific protocols for easy operations

The MultiPulse PRO DUO provides further help in the day-to-day routine of a surgeon. For example, the practical and intuitive touchscreen simplifies the setting of the correct parameters based on required applications. 25 protocols guide the surgeons in their daily work. Additionally, the surgeon obtains the possibility to control the ablation depth, scanning speed & coagulation percentage.

About JenaSurgical

Asclepion Laser Technologies GmbH designs and sells laser devices for general surgery and precision microsurgery under the brand “JenaSurgical”. We boast over 40 years of know-how in the development and distribution of laser systems for surgical applications. Based at the heart of the optical industry in the German city of Jena, JenaSurgical manufacture flexible and microscope-assisted laser systems for surgical teams around the world. Our workstations are mostly used in cutting-edge gynecology, urology, oncology and otolaryngology. These are solutions created from proprietary technologies by international teams and multidisciplinary expertise that aim to make the work in the operating room faster, safer and more accurate, to be less invasive and to make the post-operative period shorter and more comfortable for the patient.

For more information, visit our website www.jenasurgical.com or contact us at marketing@jenasurgical.com.

About Asclepion

Asclepion Laser Technologies has been operating as a leader within the international medical laser market since 1977. Our ongoing successes, thanks to the constant development of new techniques, have made Asclepion one of the most qualified companies in the entire optics industry worldwide. Our TOP100 award for the most innovative medium-sized companies in Germany stands testament to this claim. Today, more than 70 countries place their trust in the Made in Germany technology of Asclepion and its proven scientific expertise. Asclepion has achieved this goal by working on all fronts and by pinpointing an innovative offering of systems for ensuring the success of its distributors and physicians. The service leadership that Asclepion, true to its own mission statement, has built up over the years ensures the creation of positive effects for all of the company’s clientele, local partners, physicians and patients.

For more information, visit our website www.asclepion.com or contact us at marketing@asclepion.com.