

# MULTIPULSE PRO DUO

THE FLEXIBLE CO<sub>2</sub> LASER  
FOR SOFT TISSUE  
SURGERY

- ⊕ Innovative Hollow Fiber
- ⊕ Six different Scanning Shapes
- ⊕ Standard Articulated Arm
- ⊕ Variety of handpieces
- ⊕ Multidisciplinary



# BORN TO SIMPLIFY

## KEY FEATURES

High Power **RF EXITED CO<sub>2</sub> Laser**:  
Offers 60 W or 40 W maximum power

Suitable for a variety of soft tissue treatments:  
e.g. for ENT, gynecology and general surgery procedures

### **Innovative Technology:**

MultiPulse PRO DUO laser comes with innovative technology such as the **hollow fiber**

### **Different Scanning Options:**

Provides various **scanning options and handpieces** to maintain flexibility for the surgeon

### **Smart Pulse PSD:**

Pulse Shaped Design Technology for optimal pulse

### **EasySpot Hybrid Micromanipulator:**

Enables to operate on even narrow surgical fields

### **Scanning System HiScan Surgical:**

With **ESLA technology** (Electronic Scanned Laser Ablation) for complete control of the density, type and scanning speed, ablation depth and coagulation percentage when cutting

## HOLLOW FIBER - BORN TO SIMPLIFY

The MultiPulse PRO DUO comes with the innovative hollow fiber with different handpieces for applications in ENT, neurosurgery, gynecology and general surgery. Furthermore, it allows for the Da Vinci surgical procedure thanks to its robotic introducer.

- ✓ Flexible waveguides 500 microns core
- ✓ Single use
- ✓ Red aiming beam available
- ✓ 40 W max. power



Robotic Introducer



Hollow Fiber



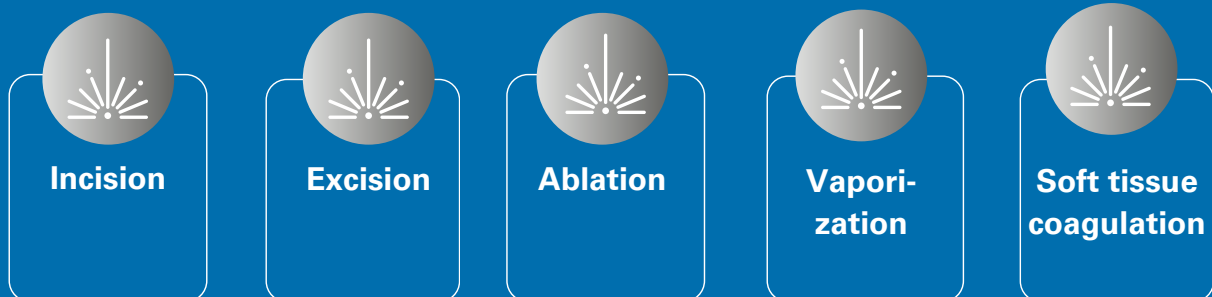
## APPLICATIONS

### SOFT TISSUE TREATMENTS

The MultiPulse PRO DUO's wavelength of 10,600 nm is being absorbed mainly by water and therefore has excellent tissue cutting properties with very low lateral tissue damage.

The MultiPulse PRO DUO CO<sub>2</sub> laser is intended for surgeries in ENT, gynecology, neurosurgery and general surgery. In these medical fields, the laser system is highly appreciated for the high degree of precision in cutting combined with an excellent coagulation effect.

In surgical practice, the MultiPulse PRO DUO can be used with handpieces of the "not bold" focal lengths and spots, intended for:



A wide range of handpieces are available for the MultiPulse PRO DUO, with different spot sizes and high performance in specific fields of application. Additionally, different scanning units, micromanipulators enable treatments that are tailored to specific pathologies.



# MULTIPULSE PRO DUO

<b>Laser Source</b>	CO <sub>2</sub> RF-PSD
<b>Wavelength</b>	10,600 nm
<b>Emission Mode</b>	Continuous Wave (CW) – Ultimate Pulse (UP) – Smart Pulse (SP) – Deep Pulse (DP) – High Pulse (HP)
<b>Power</b>	0.1 – 60 W* *limited to 40 W when Hollow Fiber is selected
<b>Emission Time</b>	0.01 – 0.9 s
<b>Beam Delivery</b>	Articulated arm with 7 mirrors and counterweight Hollow Fiber: max. 40 W, 2 m length, 500 µm core diameter, 56±10 mrad output
<b>Aiming Beam</b>	Laser Diode @ 635 nm - 4 mW
<b>Control Panel</b>	LCD color touch screen
<b>Accessories</b>	Handpieces: 1.5", 2", 4", 5"; 7", 8" Other: Scanners and Micromanipulators
<b>Electrical Requirements</b>	100 - 230 V <sup>~</sup> 50/60 Hz 1,200 VA (max.)
<b>Dimensions and Weight</b>	174 cm (H) x 59 cm (D) x 66 cm (W), ca. 75 kg

J51-7800-000/EN/REV.01

JenaSurgical is the brand of the surgical business unit of Asclepion Laser Technologies.  
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