

MULTIPULSE PRO DUO

THE FLEXIBLE CO₂ LASER FOR SOFT TISSUE SURGERY

- ⊕ INNOVATIVE HOLLOW FIBER
- ⊕ SIX DIFFERENT SCANNING SHAPES
- ⊕ STANDARD ARTICULATED ARM
- ⊕ VARIETY OF HANDPIECES
- ⊕ MULTIDISCIPLINARITY



JENA SURGICAL
LASER AT YOUR SIDE

BORN TO SIMPLIFY

KEY FEATURES

- High power **RF EXITED CO₂ LASER**
- 60 W or 40 W of maximum power
- Suitable for a variety of soft tissue treatments, e.g. ENT, gynaecology and general surgery
- MultiPulse PRO DUO laser comes with **innovative technology** such as the **hollow fiber**, different **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

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 CO₂** laser is intended for surgeries in **ENT, gynecology 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:

Incision, excision, ablation, vaporization and coagulation of soft tissue.

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 and preloaded protocols enable treatments that are tailored to specific pathologies.

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

Hollow Fiber



Robotic Introducer

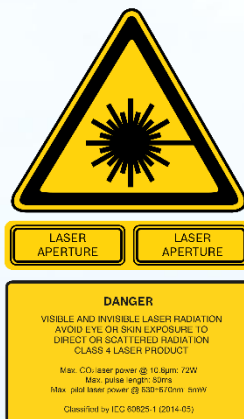
MultiPulse PRO DUO

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

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JenaSurgical is the brand of the surgical business unit of Asclepion Laser Technologies. This brochure is not intended for the market of USA.



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LATEST PRODUCT INFORMATION



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