

BORN TO SIMPLIFY



MULTIPULSE PRO

**CO₂ LASER SURGERY:
POWER, AUTOMATION &
MICROMETRICAL PRECISION FOR
MICROSURGICAL EXCELLENCE**



Main Application Fields

ENT MICROSURGERY & SURGERY |
COLPOSCOPIC GYNECOLOGY |
GENERAL SURGERY

Manufactured by
Asclepion Laser Technologies GmbH

JENA SURGICAL
LASER AT YOUR SIDE

MultiPulse PRO

MultiPulse PRO

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JenaSurgical introduces the **MultiPulse PRO** series – a range of surgical CO₂ lasers with 60 W or 40 W of maximum power in continuous mode. CO₂ lasers like the **MultiPulse PRO** are recognized as being minimally invasive, highly effective and scientifically proven with regards to surgery and microsurgery.

Application fields

ENT MICROSURGERY & SURGERY | COLPOSCOPIC GYNECOLOGY | GENERAL SURGERY

Simplify microsurgery for safer and comfortable treatments and methods, operating with:

- **Scanning shapes fully customized:** Providing the surgeon with cutting or ablation patterns, i.e. line, curve, circle, spiral, hexagon or clover shape of variable length and controlled depth
- Controlling the ablation depth, scanning speed & coagulation percentage:
 - Depth mode:** The operator can directly act on the cutting depth and the percentage of coagulation.
 - Power mode:** The operator can directly act on the emission power and dwell time of the laser beam on a scanning point.
- Specific ENT and Gynecology protocols

MultiPulse PRO Accessories

Handpieces

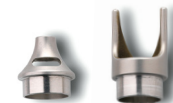
It offers numerous handpieces that fit to all needs of the professional user. The scanner enables treatments which are tailored to the individual patient.



Optics



Handpiece



Spacer

MultiPulse PRO Accessories

HiScan Surgical

It allows defined and accurate incisions to be performed, controlling the thermal damage.



Max. Scanning Area
Dwell Time From
Selectable Ablation Depth
Scanning Modes
Scanning Shapes

6.3 mm @ 400 mm EFL
200 μ s to 300 ms
From 100 μ m to 2 mm
Power Mode and Depth Mode
Line, arc of a circle up to complete the circle, spiral, hexagon (with normal and interlaced scan mode), ellipsoid motion on a circular surface
Continuous Wave (CW) - Super Pulse (SP)
ENT, Gynecology

Emission Mode
Application Fields

Hybrid EasySpot Micromanipulator

The specific instrument for operating in maximum safety even in delicate areas.



Optical Technology
Spot Size

Focal Length: from 200 mm to 400 mm
Min 140 μ m (200 mm EFL)
Max 250 μ m (400 mm EFL)

Operative Field @ 400 mm EFL
Application Fields

Min 20 x 18 mm - Max 55 x 40 mm
ENT, Gynecology

EndoScan

The scanner system for laparoscopic surgery and general surgery.



Optical Technology
Dwell Time
Scanning Shapes
Emission Modes
Application Fields

5 mm @ 300 mm EFL; 6.3 mm @ 400 mm
From 100 μ s up to 1000 μ s
Point Cut (CutMode), Circle, Clover
Continous Wave (CW) – Ultimate Pulse (UP)
ENT, Gynecology, General Surgery

MultiPulse PRO Specifications	
Laser Source	CO ₂ RF-PSD
Wavelength	10,600 nm
Emission Mode	Continuous Wave (CW) – Ultimated Pulse (UP) – Smart Pulse (SP) – D Pulse (DP) – High Pulse (HP)
Power	0.1 – 60 W
Emission Time	0.01 – 0.9 S
Delay Emission Time	0.1 s – 5 s
Beam Delivery	Articulated arm with 7 mirrors and counterweight
Aiming Beam	Laser Diode @ 635 nm - 4 mW
Control Panel	LCD color touch screen
Accessories	1.5", 2", 4", 5", 7", 8" and collimated handpiece
Electrical Requirements	100-230 V ~ 50/60 Hz 1200 VA (max)
Dimensions and Weight	68 kg

MultiPulse PRO



Find more info about
MultiPulse PRO

Your professional expertise combined with scanner-assisted robotized systems can improve performance for all photoablative treatments.

Applications

ENT

Transoral laser microsurgery (e.g. oncological surgery and phonosurgery)
Endonasal Surgery

GYNECOLOGY

Colposcopy (e.g. dysplasia of lower genital tract)

GENERAL SURGERY



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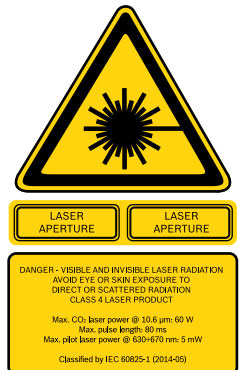
www.jenasurgical.com

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

JENA SURGICAL
LASER AT YOUR SIDE

CE pending

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