

FiberLase™ CO₂ Fiber & AcuPulse™ 40WG CO₂ Laser



PERFORMANCE AND FLEXIBILITY COMBINED





Performance WHERE YOU NEED IT

- Higher power CO₂ fiber
- Aiming beam emits at fiber tip
- Exceptional fiber durability
- Enhanced clinical access
- Variety of hand-pieces and accessories for multiple applications

FiberLase CO₂ Fiber & AcuPulse 40WG

Expanding the reach of CO₂ laser surgery

FEATURES

Up to 40 Watts fiber
input power

Aiming beam

Low beam divergence

2 meter long CO₂ fiber

Renew distal tip of fiber
during procedure

Fiber support guide &
handpiece support arm

Optional internal purge
air supply

BENEFITS

Higher output & faster
treatments

Enhances ability to
target tissue

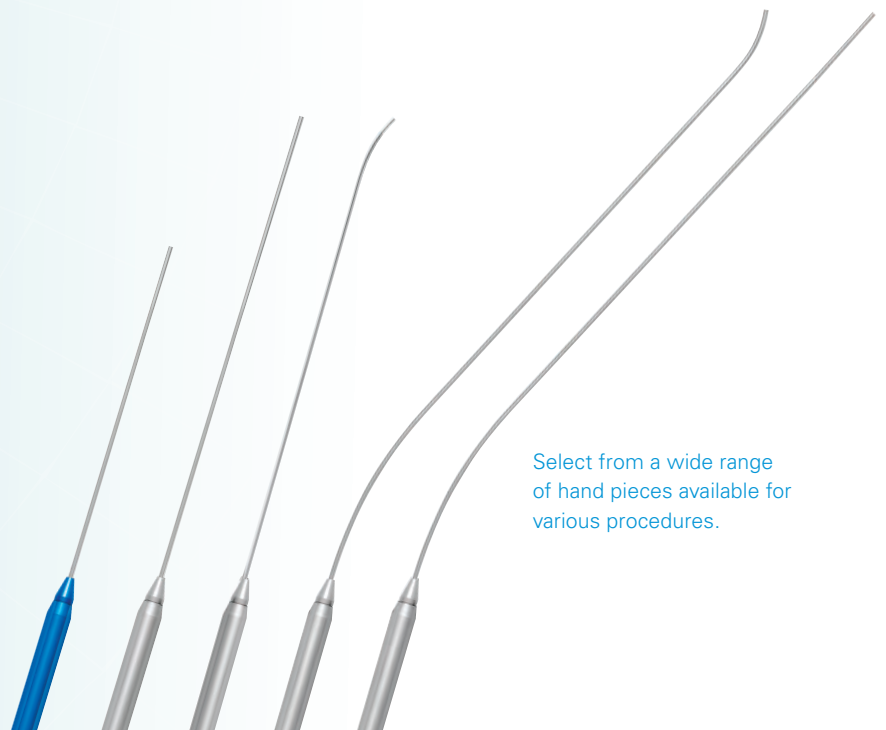
Precise & consistent
tissue effect

Increased mobility
with renew capability

Fiber continues working
throughout procedure
resulting in less cost

Allows for efficient
OR set-up

Convenience &
cost-savings

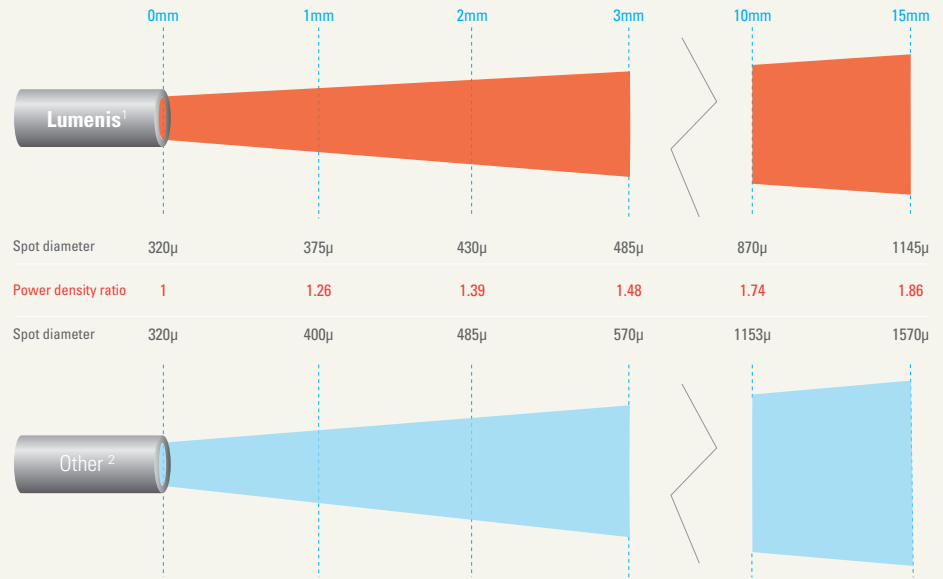


Select from a wide range
of hand pieces available for
various procedures.



Quality Beam Performance

Greater power with less beam divergence allows for accuracy at greater distances



¹ Internal test Rpt – R&D PH-SB-201 Rev.0. ² Other fiber manufacturer's reported beam divergence numbers

AcuPulse 40WG CO₂ Laser Technical Specifications

Part Number	GA-0000140			
Laser Type	CO ₂ Laser, sealed-off, DC excited			
Wavelength	10.6 micron, infrared			
Mode Structure	TEM ₀₀			
Laser Operating Modes	Continuous Wave (CW), Pulsar, SuperPulse			
CW Power	1 - 40 W			
SuperPulse Average Power	0.5 - 15 W			
Pulsar Average Power	1 - 35 W			
Tissue Exposure Modes	Type	Power (W)	On time (sec)	Off time (sec)
	Continuous	1.0 - 4.5 5.0 - 40	NA	NA
	Single Pulse	1.0 - 4.5 5.0 - 40	0.05 - 1.00 0.01 - 1.00	NA
	Repeat Pulse	1.0 - 4.5 5.0 - 40	0.05 - 1.00 0.01 - 1.00	0.01 - 1.00 0.01 - 1.00
Controls	Multi-color, high resolution touch panel & footswitch			
Aiming Beam	Up to 5mW red diode laser, 635 nm, adjustable intensity, blink on/off			
Beam Delivery	Lumenis FiberLase CO ₂ fiber			
Memory Settings	100 + custom memory setting capacity			
Laser System Cooling	Self-contained, closed cycle			
CO ₂ Fiber Cooling	Self-contained internal air pump or option of external pressurized purge gas			
Electrical	100 – 240 VAC, 10 A, 50/60 Hz			
Dimensions	35 cm W x 40 cm D x 119 cm H; (14.6" W x 15.8" x 47" H)			
Weight	49 kg (110 lbs)			
Standards	CE, UL			

FiberLase CO₂ Fiber, Single-use disposable

Specifications	2 meter long, 1.04mm outside diameter, 500μm inside diameter
Spot Size	320μm at fiber output

