

Edge ONE

Technical Specification

Laser Wavelength	10,600 nm	
Laser Type	CO ₂ Laser	
Maximum Power	1 ~ 30W	
Aiming Beam	Diode Laser 655nm	
Fractional Handpiece	Power Output	1~30W, Edge Pulse
	Tip	120, 120(s), 350, 800
	Pulse Energy	1 ~ 300 mJ
	Density	~ 42.4 %
	Scan Area	2 x 2 ~ 15 x 15 (mm)
	Scan Shapes	SQUARE, TRIANGLE, CIRCLE



Jeisys

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VER01

Edge ONE

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Edge ONE CO₂ Laser.

The spectral absorption of water on a wavelength of 10,600 nanometers enables CO₂ surgical laser to cut, vaporize and coagulate tissue by adjusting Power Density and Energy Level.

Unique and Special Technology



Due to its absorption by water in soft tissue, the CO₂ laser provides uniform clinical effects with minor thermal damage to surrounding tissue.

Edge ONE / Surgical Mode

More Precise, More Safe



A laser beam becomes powerful as well as being highly concentrated for the interaction with tissue.

The outstanding precision by the ultra pulse of Edge ONE specially makes the laser beam very accurate without damaging the surrounding tissue and it can also be applied to a very small lesions less than 1 millimeter.

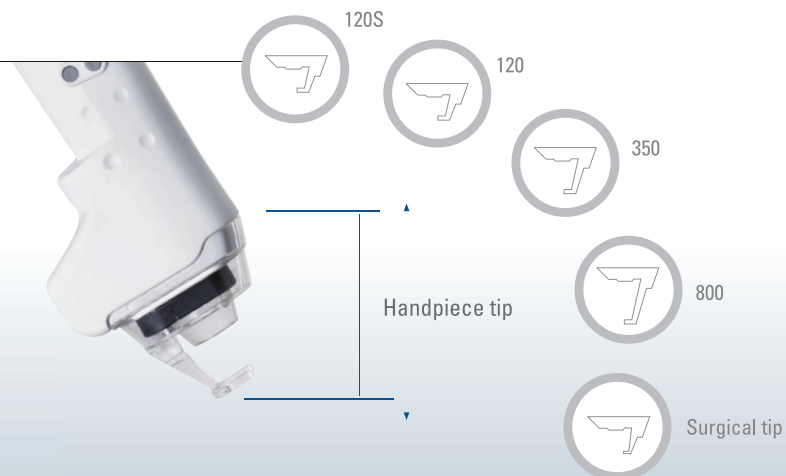
The Performance of High-Peak Power

Clean & Precision Laser Beam from the High-Peak Power
"Edge ONE" Laser

Edge ONE

Edge ONE / Fractional Mode

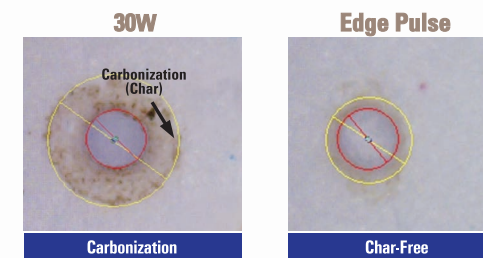
- Support treating localized skin lesion and tissue incision by Surgical Tip.
- CW / Single / Repeat / Group pulse / Ultra



More Precise, More Safe

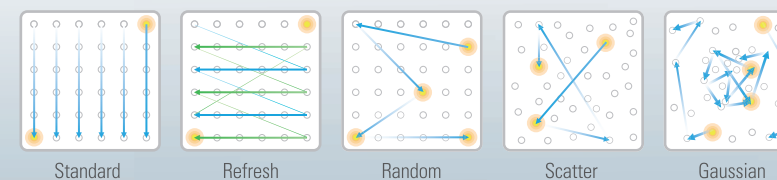
Edge Pulse of Edge ONE conveys energy to the depth of skin and can generate a very narrow ablation zone to form the extent of thermal diffusion limited to the surrounding tissue.

Limited extent of thermal diffusion reduces the pain at time of treatment and the forming of scar after treatment.



Various Beam Pattern

- Variable beam pattern for each patient.
- Flexible approach to various applications.
- Prevent heat diffusion to the surrounding normal tissues by managing space between each micro laser beam.



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