

Edge fractional™

Technical Specification

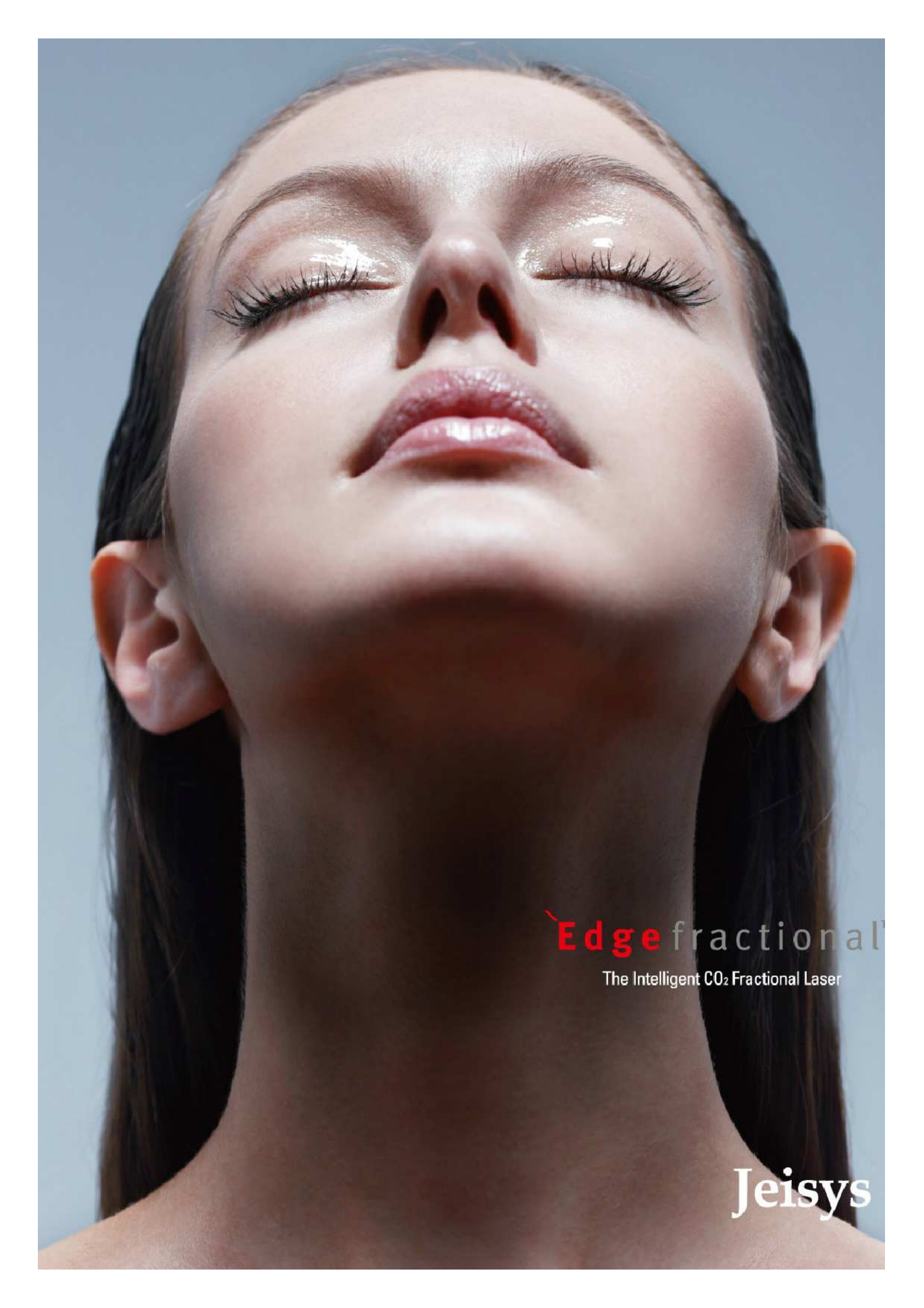
| | |
|---------------------------------|---|
| Laser Type | Fractionated CO2 |
| Wavelength | 10,600nm |
| Power Output(continuous) | 1~30W |
| Power Supply | 100 ~ 240V, 50/60Hz, 800W |
| Pulse Energy | 1 ~ 300mJ |
| Length of Pulse | 0.03 ~ 300ms |
| Spot Density | Up to 100% |
| Scan Area Size | From 2 X 2mm To 15 X 15mm |
| Scan Area Shapes |  Square  Rectangle  Circle  Triangle |
| Beam Patterns |  Standard  Refresh  Gaussian  Scatter |
| Display | Color LCD touch screen |
| Weight | 35kg |
| Beam divergence | < 7mrad |



Jeisys

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Edge fractional

The Intelligent CO₂ Fractional Laser

Jeisys

A whole new experience of Sustainable High-peak Powered EdgePulse Resurfacing

This is the latest evolution of laser-pulse.

Edge Fractional produce high-peak power for sustained periods. The ablation threshold is achieved very quickly and target tissue is ablated with limited thermal damage reducing patient pain and downtime. Through sustainable high-peak power, EdgePulse ablates tissue very quickly, leaving a narrow, controlled zone of thermal damage.



Edge

Precise and Efficient

Watt, density, scan type & shape, the distance between beams, irradiation time and the size of treatment area. These are the parameters that can be individually adjusted to set each treatment precisely for the patient's needs.

EdgePulse Resurfacing Emission Technology

- Vaporization(ablation) of the skin
- Short down time and minimal complications
- Wide range of dermatological treatment.

“The treatment by Erbium lasers is safe, but it only makes coagulation and necrotic columns by giving shallow damage to the epidermis. However, CO₂ laser is effective for Skin Reverse-aging, because it increases skin elasticity and contraction by giving enough thermal damage to the dermis. Especially, EdgePulse Resurfacing satisfies both of the operators and patients in the result of the treatment.”

Takashi Takahashi, MD, Sibuya Takahashi Clinic.

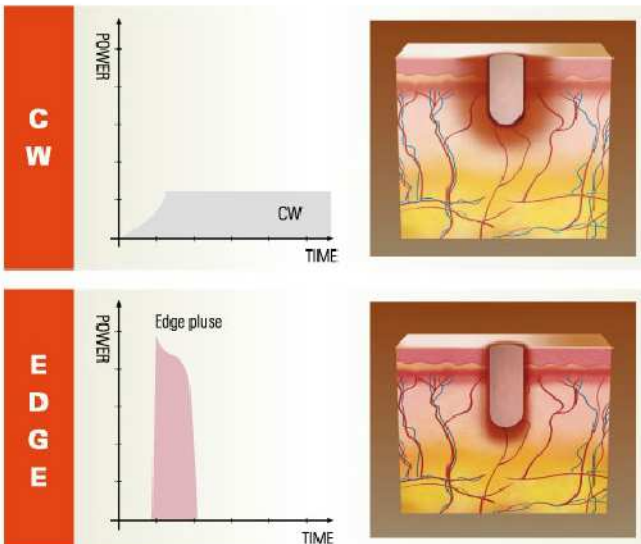
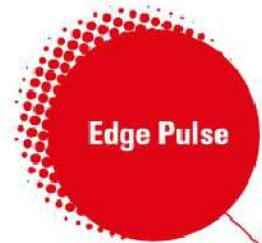
Pulse

Edge Pulse Resurfacing

- Zone of Ablation : Firstly, the EdgePulse releases the high peak power in a very short time it makes quick ablation of the epidermis and dermis.
- Zone of Thermal damage : After rapid vaporization, each laser pulse spreads the heat in the dermis. The deep heating generates immediate contraction of tissue, so the damage to the epidermis is minimized and recovery times are reduced.

Edge Pulse - High Peak Power

- Deliver high Peak Power energy in short time.
- Reduce down time and uncomfortable feeling by minimizing heat diffusion to the surrounding normal tissues.



| PULSE MODE | CW | EDGE PULSE |
|--------------|------|------------|
| Pulse Width | Long | Short |
| Thermal Zone | Wide | Narrow |
| Discomfort | High | Low |
| Downtime | Long | Short |

The strongest High Peak Power from the same class

- Emit high Peak Power energy through minimizing energy loss.
- Optimized optical design for minimizing energy loss

Automatic Identification Tip

- Edge automatically recognizes the tip and avoids the risk by optically setting up the range of valid parameters in accordance with the spot size.

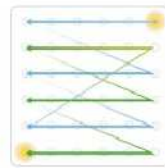


Various Beam Pattern

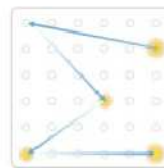
- Variable beam pattern for each patient.
- Flexible approach to various application.
- Multiple shapes, sizes and densities.
- Prevent heat diffusion to the surrounding normal tissues by managing space between each micro laser beam.



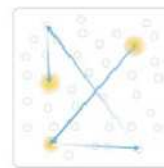
Standard



Refresh



Gaussian



Scatter

Normal Surgical Mode

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



Edgefractional™

The Intelligent CO₂ Fractional Laser



ractional™

Jeisys Medical Inc.

Jeisys Medical develops, manufactures and markets aesthetic laser system for dermatologists, plastic surgeons and other cosmetic practitioners worldwide. We have built a strong reputation as a supplier of medical equipment. Our goal is to be the first leading company in innovative and superior-quality aesthetic laser system.