

"Discover firsthand what a fractionated CO₂ Laser is truly capable of achieving"

DEEPER Penetration, FASTER Healing, SMALLER Micro-Beams, SHORTER Downtime

DeepRenu™

ELITE Fractional CO₂ Laser System

DeepRenu ELITE FRACTIONAL™ CO₂ Laser

FEATURES

Multi-CPG Scanner (Made in Germany)

- **Precision quality**, German fractionating optical system.
- The industry's **smallest micro-beam—just 65 microns.**
- Five different scanner modes (Square, Circular, Rectangular, Random and Repeat).
- Allows you to change the **shape** and **size** of the treatment area.
- Variable number of micro-beams in each treatment area (25 up to 900 MBs).
- Central Pattern Generator (CPG) delivers micro-beams in controlled or random pattern to minimize thermal damage and ensure fast recovery without side effects.
- **Two Different Handpiece/Lens Assemblies**
The Deep Renu ELITE System includes separate lens assemblies for both fractional procedures and surgical procedures. The incisional lens assembly provides a treatment spot size of 100-120 microns for delicate and precise procedures such as blepharoplasty.

USA Metal Cavity with RF-Excited CO₂ Laser Beam

- The most state-of-the-art laser cavity with RF excitation even beam profile, longer-life, and precise, replicable performance.
- Each pulse can be adjusted from 15 to 29 mJ to create superficial, medium or deep penetration into the tissue.

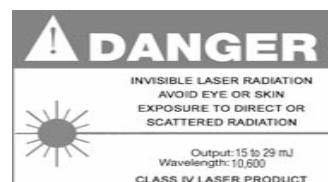
**Ergonomic
Multi-CPG-Fractional
Scanner**



65 μ micro-beam

TECHNICAL SPECIFICATIONS

LASER TYPE: Fractional & Traditional CO ₂ Laser	FRACTIONAL SCANNER: CPG, Made in Germany
WAVELENGTH: 10,600 nm	AREA OF TREATMENT: Range, 5 x 5 mm up to 20 x 20 mm
LASER CAVITY: Stainless Steel (proprietary), Made in USA	MICRO-BEAM DIAMETER: 65 microns
RF-Excited CO₂ Discharge System: Made in USA	MICRO-BEAM DENSITY: 25 - 900 Fractionated Micro-Beams in a Single Pulse
OUTPUT ENERGY: 40W max (with single handpiece)	MICRO-BEAM DEPTH: Adjustable, Up to 1000 microns
POWER (CO₂ MODE): Up to 15 W	SCANNER MODES: Adjustable Shape, Adjustable Micro-beam Density and Rate of Micro Pulses, Double Coverage Optional
PULSE ENERGY: 15 - 29 mJ	SCANNER RATE: 1 - 6 Hz
PULSE DURATION: 3.3 - 5.5 msec.	
PULSE MODES: Single Pulse or Continuous @ 1 Hz	
PULSE TRAINS: 2 - 5 Sub-pulses	
OPTICAL DELIVERY: Articulated Arm (7 mirrors)	
CONTROL PANEL: 10.4" LCD Color Touch Screen	
COOLING SYSTEM: Air Cooled	EXCISION (FOCUSING) LENS: 50 mm (100 - 120 microns spot size)
INPUT POWER: AC 230 V (50/60 Hz) .85 A	
DIMENSIONS: 420 x 510 x 1350 mm (W x L x H)	
WEIGHT: 88 lbs/40 kg	
CLASS: Class 4 Laser	



DeepRenu™

ELITE Fractional CO₂ Laser System

BEST OF ELITE CLASS!
Premium German Optics
& Superior Specifications
for Unmatched Power
& Results



NEW

Premium Fractional Scanner with Smallest
65 μ Micro-Beam for Exquisite Fractionalization

INDICATIONS:

- Skin Resurfacing
- Deep Wrinkles
- Scar Revision
- Collagen Remodeling
- Pigmentation Irregularities
- Skin Tightening

CO₂
DeepRenu



DeepRenu™

ELITE Fractional CO₂ Laser System

Fractional

DeepRenu ELITE FRACTIONAL CO₂ laser offers the ultimate in fractional laser versatility to enable you to treat the skin superficially or deep based on the patient's unique skin conditions and expectations.

Adjustable Depth & Density Control

By changing the energy fluence and the number of micro-beams (MBs), treatment depth and density can be controlled precisely to determine the amount of downtime the patient can expect.

Minimal Downtime

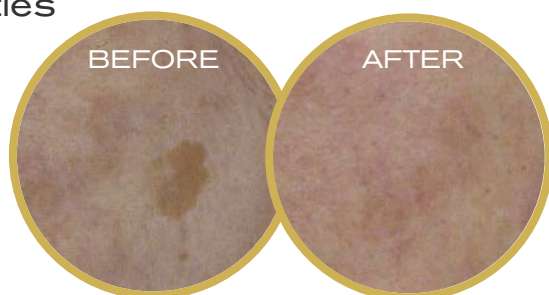
Precise MBs shorten patient downtime. With DeepRenu ELITE FRACTIONAL CO₂, the unique deep penetrating and thermal characteristics of the fractionated DeepRenu microbeams provide faster healing because the tissue between the MBs is left untreated.

Superficial (Epidermal) Applications

The ideal candidates for superficial indications include patients with moderate to severe photo-aging, wrinkles around the eyes and lips, uneven skin texture and/or enlarged pores. These indications respond best to DeepRenu's dense MB coverage with shallow penetration of laser energy. Healing times typically range from two (2) to five (5) days.

Pigmentation Irregularities

(Dyschromia)



Pigmentation Irregularities
Dyschromia

Textural Improvement

Fine Lines / Wrinkles

Pore Reduction

Skin Whitening



Fine Lines
Skin Whitening



Deep (Dermal) Applications

DeepRenu ELITE FRACTIONAL CO₂ is unmatched for deep dermal indications. The DeepRenu selective MBs penetrate deeply into the dermis. The fractionated MBs comfortably ablate and remove precise columns of tissue, which stimulates skin tightening and new collagen. Deep dermal stimulation provides long-term collagen remodeling. Ideal candidates for the DeepRenu lasers deep dermal applications have scars, deeper wrinkles and/or sagging skin.

Deep Wrinkles

Scars

Skin Tightening



Skin Tightening
Deep Wrinkles

Scar Revision

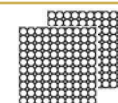
DeepRenu ELITE Fractional™ CO₂ Laser Advantages

Ease of Use

The convenient touch screen display and lightweight scanner make the DeepRenu ELITE FRACTIONAL CO₂ laser easy to use.

* Random

* Repeat



Dot Patterns



Ergonomic
Multi-CPG-Fractional
Scanner

Fast Treatments

The ergonomic German-made CPG-Scanner provides a large (20 x 20 mm) treatment area with a high repetition rate to enable you to treat an entire face in as little as ten (10) minutes. With DeepRenu ELITE FRACTIONAL CO₂ treatments, it generally takes only one or two treatments to achieve what non-ablative devices hope to achieve in five (5) to six (6) treatments or more.

Combination Depth Treatments

Practitioners can fractionally treat both superficially and deep in a single session to allow aggressive treatment of deeper concerns (such as wrinkles or scars) while also addressing surface indications requiring higher density and superficial applications.

DeepRenu—Great Return on Investment

The state-of-the-art technology and features of the DeepRenu ELITE FRACTIONAL CO₂ laser make it the best value in the premium class of fractional skin resurfacing.

Two Different CO₂ Laser Operation Modes: CO₂ & Fractional

The DeepRenu ELITE software enables the user to work in either the "fractional" mode or the "traditional" (surgical) mode at the push of a button.

versatile

65 μ micro-beam