

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

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

DeepRenu

40W ELITE Fractional CO₂ Laser System

New 2010

DeepRenu

40W 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.

USA Stainless Steel Cavity with RF-Excited CO₂ Laser Beam

- The Most state-of-the-art laser cavity with RF arc for renown 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



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



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
PULSE ENERGY: 15 - 29 mJ	SCANNER MODES: Adjustable Shape, Adjustable Micro-beam Density and Rate of Micro Pulses, Double Coverage
PULSE DURATION: 3.3 - 5.5 msec.	SCANNER RATE: 1 - 6 Hz
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	
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	

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

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DeepRenu

40W ELITE Fractional CO₂ Laser System

Fractional

DeepRenu ELITE FRACTIONAL CO₂ offers the ultimate in fractional laser versatility 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.

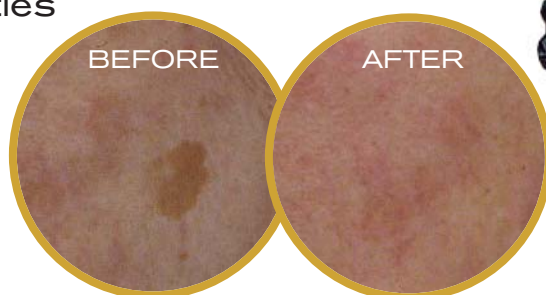
Minimal Downtime

Precise MBs shorten patient downtime. With **DeepRenu ELITE FRACTIONAL CO₂**, the unique deep penetrating and thermal characteristics of the **DeepRenu** 10,600 nm wavelength 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 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 are replaced by fresh, 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



BEFORE AFTER
Skin Tightening
Deep Wrinkles

Scars



BEFORE AFTER
Scar Revision

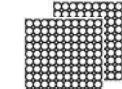
Skin Tightening

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 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.

65 μ micro-beam

versatile