

LUTRONIC

eCO2

Dual Mode CO<sub>2</sub> Resurfacing Laser

UNCOVERING YOUTH  
ONE PATIENT AT A TIME



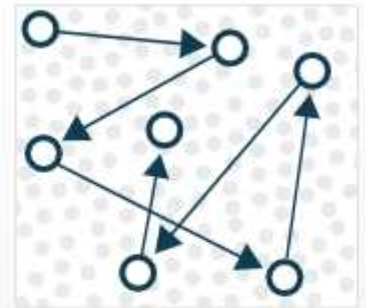
# Transform Your Practice with the Robust eCO2

Lutronic's eCO2 is the premier fractional ablative laser that delivers the full spectrum of rejuvenating treatments to your busy practice. You will appreciate how easy to use and reliable the system is, while your patients rave about their outcomes.

## MINIMAL DOWNTIME, IMPROVED PATIENT COMFORT

The eCO2 features the patented Controlled Chaos Technology™ (CCT), an algorithm to pseudo-randomly deliver each micro laser beam and by placing maximum distance between sequential beams.

This allows the tissue to maximise heat dissipation between shots. The result is an increased safety profile with a reduction in post-operative discomfort and faster healing time with unparalleled fractional resurfacing results.



## PROVIDE THE RESULTS YOUR PATIENTS DEMAND



ACNE SCARS - COURTESY OF JEFFERY A. RAPAPORT, MD



WRINKLES & SKIN LAXITY\* - COURTESY OF JULIE WOODWARD, MD



DYSCHROMIA\* - COURTESY OF MARK RUBIN, MD

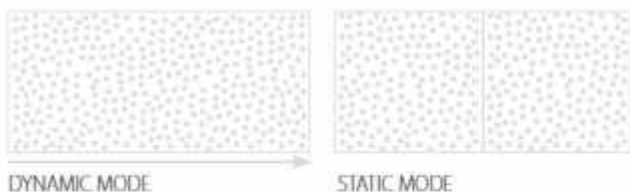
\*Not a CE Marked Indication

## APPLICATIONS

- Wrinkles & Rhytids
- Skin Laxity/Loose Skin\*
- Skin Rejuvenation
- Scars
- Dyschromia\*
- Photoageing Skin\*
- Nevus
- Warts
- Seborrheic Keratosis
- Transepidermal Drug Delivery\*
- Hypomelanosis\*
- Syringoma\*
- Striae\*
- Refractory Vitiligo\*
- And More

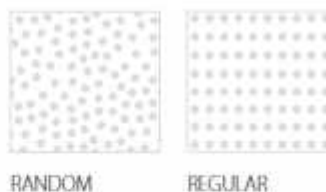


## ULTIMATE CONTROL OVER ENERGY DELIVERY



**Dynamic Mode** eliminates the checkerboard look of other CO<sub>2</sub> systems by allowing continuous firing while moving like 'airbrushing'. Treat large areas or just feather to eliminate demarcation lines, Dynamic Mode provides faster treatments and a more natural look.

**Static Mode** allows for traditional 'Stamping' of scanned areas up to 18 x 18mm with full control over density.



Choose from a preprogrammed regular pattern or random pattern. In either mode the laser energy will be distributed using Controlled Chaos Technology™.

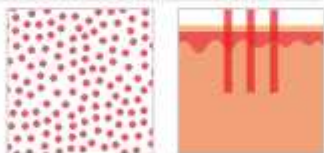
## QUICK-CHANGE TIPS WITH AUTO-RECOGNITION

From ultra-deep to superficial ablation, the eCO<sub>2</sub> has the features you need to address a broad range of clinical conditions. The quick change tips come in a choice of three spot sizes, and have an auto-recognition feature which automatically changes treatment settings.

Combined together, the advanced features ensure the ultimate control for the best outcomes.

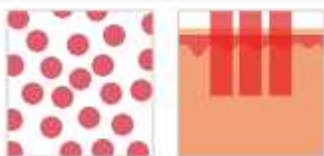
### 120 µm Tip

- Scars
- Deep Wrinkles
- Tightening



### 300 µm Tip

- Large Pores
- Skin Texture
- Luminosity



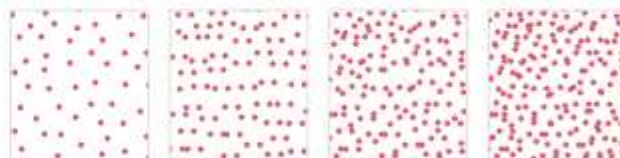
### 500 µm Tip

- Skin Tone
- Texture
- Luminosity



## DENSITY CONTROL

Choose your density and eliminate the need for multiple passes and the clinical disadvantages of unavoidable overlap. The end result is a single pass treatment customised for your patient.



## WHY eCO2?

- Low risk, high safety, rapid recovery and low downtime are attractive to patients
- Controlled Chaos Technology creates pseudo-random microwound patterns to minimise heat build-up and maximise patient comfort
- Capable of delivering fractional, full field ablative, incisional and excisional laser treatments
- Proven reliability
- Easily adjust treatment parameters through intuitive and user-friendly interface
- The two energy delivery modes (dynamic and static) further increase versatility and control over outcomes
- No consumables reduces operating cost and improves ROI

## WHAT PHYSICIANS ARE SAYING



*"I have been very impressed with how fast I can treat using the fractional eCO2. I treat many large burn scars that can take hours to treat with other devices. Using the dynamic mode on the eCO2, I find that I can shorten the treatment considerably. In fact, we have developed a video showing a "laser olympics" of eCO2 versus other devices, and the eCO2 always wins!"*

Jill Waibel, MD, USA

## SYSTEM SPECIFICATIONS\*

### PERFORMANCE

Laser Wavelength

### SYSTEM SPECIFICATION

10.6  $\mu\text{m}$

CO<sub>2</sub> RF Module Maximum Power

Maximum 30 watts at Continuous Wave

Fractional Scanner Handpiece



User Mode

Static (Stamping) / Dynamic (Air Brushing)

Tip

120, 300 & 500  $\mu\text{m}$  spot sizes

Pulse Energy

2 mJ - 240 mJ

Pulse Rate

10 Hz - 200 Hz

Density

25 - 400 spots/cm<sup>2</sup>

Scan Area

18 x 18 mm

Scan Shapes

■ □ ● ▲ • "Point Beam"

Normal Handpiece\*



User Mode

Char Free (Ultra Pulse) / Super Pulse / CW

Pulse Rate

Char Free (Ultra Pulse)

1 Hz - 700 Hz

Super Pulse

1 Hz - 550 Hz

Pulse Width

Char Free (Ultra Pulse)

40  $\mu\text{s}$  - 1000  $\mu\text{s}$

Super Pulse

1 ms - 5 ms

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\*\* Coherent Laser brand Sealed Off CO2 RF Module Lasers.

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