LUTRONIC
Intelligent Care™

eCO2 Plus™

DUAL MODE CO_2 RESURFACING LASER

- Low risk, high safety, rapid recovery and low downtime
- Controlled Chaos Technology creates pseudo-random microwound patterns to minimize heat build-up and maximize patient comfort
- No consumables reduces operating cost and improves ROI

TECHNOLOGY

eCO2 Plus™

Leading Fractional And Ablative Laser

The Lutronic eCO2 is the leading fractional and ablative laser that offers you the full spectrum of rejuvenation treatments in your practice. The eCO2 works with the patented Controlled Chaos Technology (CCTTM), an algorithm that delivers each micro-laser beam pseudo-randomly so that there is a maximum distance between the successive beams. This enables the tissue to dissipate the greatest possible amount of heat between the shots. As a result, this means increased safety, fewer post-operative discomfort and a faster healing process with unparalleled results in partial skin renewal treatments.

Handpiece

Fractional
Scanner
Handpiece

Zoom-Handpiece
Spotsize 200 – 1000 µm
0,2 – 1,0 mm

Optional:

INDICATIONS

APPLICATIONS

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

*Not a CE Marked Indication

FUNCTIONALITY

Ultimate Control Over Energy Delivery

Dynamic Mode eliminates the checkerboard look of other CO2 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 18 mm with full control over density.

Dynamic Mode

Static Mode

RANDOM

REGULAR

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

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 customized for your patient.

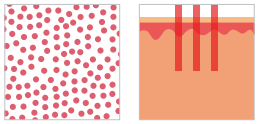
Quick-Change Tips With Auto Recognation

From ultra-deep to superficial ablation, the eCO2 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

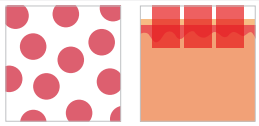


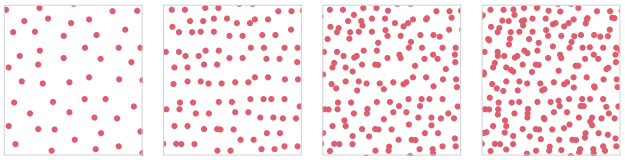
300 µm Tip

- Large Pores
- Skin Texture
- Luminosity

500 µm Tip

- Skin Tone
- Texture
- Luminosity





RESULTS

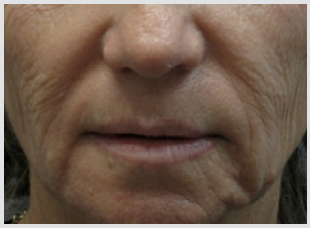
Dyschromia

Before

Courtesy of Mark Rubin, MD

After

Wrinkles

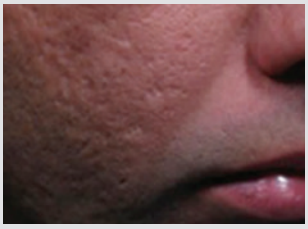


Before

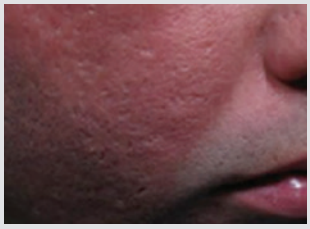
After

Courtesy of Julie Woodward, MD

Acne Scars



Before



After

Courtesy of Jeffery A. Rapaport, MD

eCO2 Plus

PASSION FOR INNOVATION

With special attention to the needs of users and patients, Lutronic invests a lot of time and money in the development of devices for the highest standard and continuous improvement. The products and services developed by us should not only meet, but exceed, your expectations and those of patients. For this reason, we developed our eCO2 Plus ™ according to these four principles:

INTUITIVE

Users can easily and intuitively balance results and safety by delivering ablative energy at the desired density and depth. Easily adjust treatment parameters through intuitive and user-friendly interface.

INNOVATIVE

Patented Controlled Chaos Technology (CCT™) generates random energy delivery patterns to minimize complications from bulk heating and maximize patient comfort.

EFFECTIVE

The eCO2 sets itself apart from the competition with ultra deep ablation depths. eCO2 is proven to deliver up to 2.4 mm of ablation depth. Two energy delivery modes (dynamic and static) further increase versatility and control over outcomes.

DEPENDABLE

No consumables reduces operating cost and improves ROI. Patients are attracted to low risk, minimal downtime treatments.

ATTRIBUTES

Laser Wavelength		10.6 µm	
CO_2 RF Module Maximum Power		Maximum 30 watts at Continuous Wave	
Fractional Scanner Handpiece	User Mode	Static (Stamping) / Dynamic (Air Brushing)	
	Tip	120, 300 & 500 µm spot sizes	
	Pulse Energy	2 mJ - 240 mJ	
	Pulse Rate	10 Hz - 200 Hz	
	Density	25 - 400 spots/cm²	
	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 µs - 1000 µs
		Super Pulse	1 ms - 5 ms

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LUTRONIC
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