

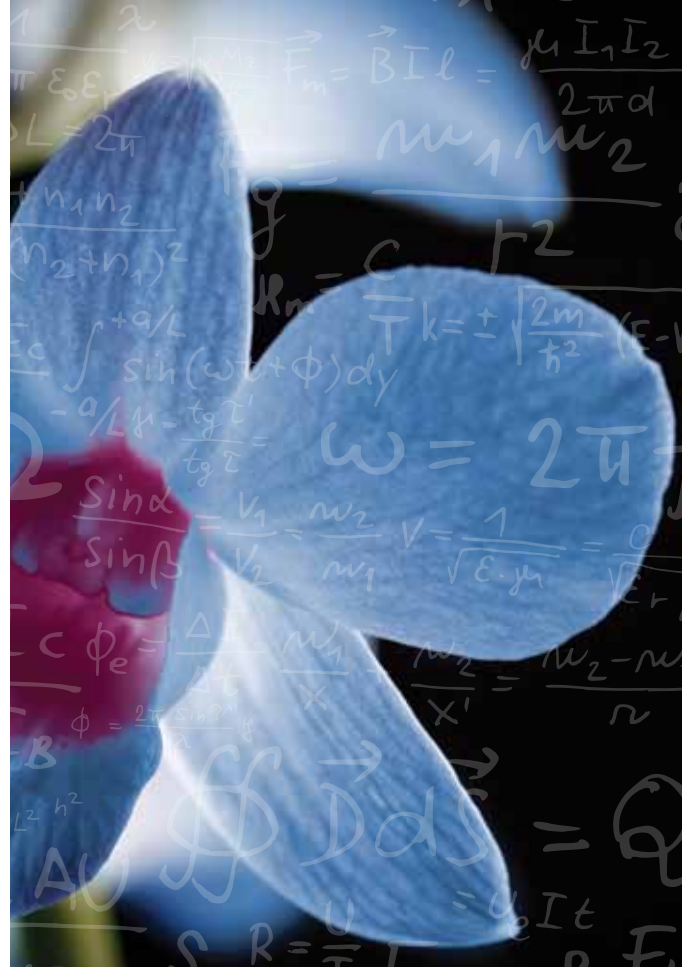
CO₂RE™

Fractional

CO₂

Resurfacing

System



Science. Results. Trust.



Syneron®

CANDELA®

“We’ve been very happy with the results that we’ve seen using CO₂RE™. It has a lot of versatility and we find it works well for both fractionated ablative resurfacing as well as traditional ablative resurfacing.”

Brian Zelickson, M.D.
Board Certified Dermatologist
Zel Skin and Laser Specialists

The CO₂RE™ Advantage

CO₂RE is the versatile fractional CO₂ system that enables you to precisely target and effectively treat the skin’s surface, middle and deep dermal levels, plus perform traditional CO₂ resurfacing and laser excision of lesions.

Grow your practice with this lighter, faster, and more versatile solution for skin resurfacing, traditional ablation and minor dermal excisions. CO₂RE gives you the ability to

treat both superficial and deep skin layers simultaneously with precision-control over the intensity, pattern and depth of ablation.

CO₂RE is the first system to emerge since the merger between Candela and Syneron – two industry leaders renowned for their portfolio of gold standard technologies and unrivaled service.

System Features:

- Intuitive touch-screen interface – displays treatment geometries & selections
- Programmed to learn as you work
- Monitors its own performance
- Stores and automatically recalls preferences

Digital SuperPulsed Laser:

- Delivers the complete matrix of ablative pulses with exceptional speed and precision
- Rapidly varies the laser energy for multi-level treatment capabilities
- High performance design for extreme reliability and long service life

High Precision Inboard Scanner:

- Digitally synchronized with the Laser Pulse Generator
- Changes the position and depth of injury hundreds of times per second
- Allows different parts of the same scan matrix to be placed at different depths

Featherweight Articulated Arm:

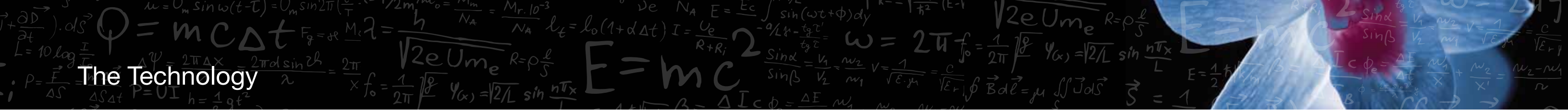
- Continuous beam centering for reproducible treatment patterns
- Minimizes operator fatigue

CO₂RE Inside Advantage

CO₂RE is engineered to deliver a unique set of pattern generation capabilities that translate into more treatment options for a wider range of patient needs.



CO₂RE™



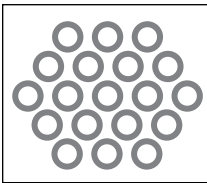

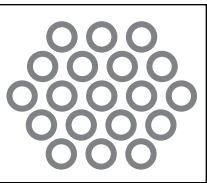

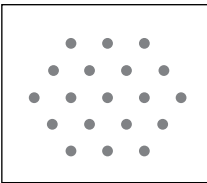

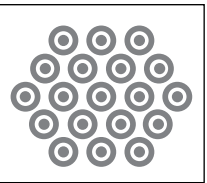
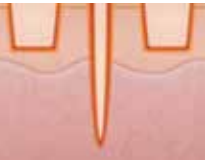

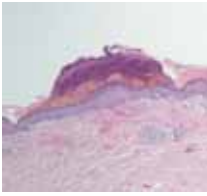


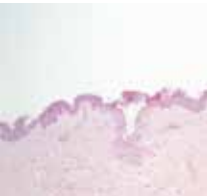
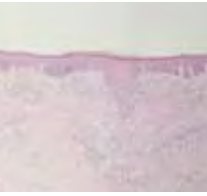
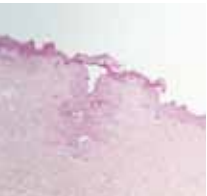
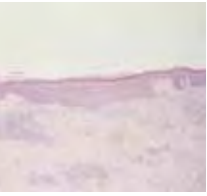
The Technology

“One of CO₂RE’s advantages is the handpiece, which is very easy to hold. In comparison to other fractional handpieces, the CO₂RE handpiece is thin, lightweight and easy to maneuver around the skin during treatments.”

E. Victor Ross, M.D.
Scripps Clinic Carmel Valley Laser and Cosmetic Dermatology

CO₂RE Innovation: Variable Treatment Modes

The CO₂RE system provides a total of six different treatment modes including four fractional ablative treatment modes and pattern shapes, a traditional resurfacing mode, and an excision mode that includes defined shape and freehand modes for minor dermal excisions.

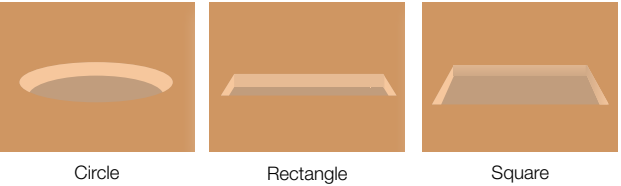
| Program | CO ₂ RE Light | CO ₂ RE Mid | CO ₂ RE Deep | CO ₂ RE Fusion |
|-------------|--|---|---|---|
| Description | Provides superficial fractional ablative treatments in the epidermis, increasing epidermal cell proliferation. | Penetrates more deeply for a stronger fractional ablative effect, producing additional coagulated tissue below the dermal-epidermal junction. | Penetrates through to the dermis for the deepest fractional ablative effect, surrounded with significant coagulated tissue deeper into the dermis. | Unique scan pattern combines treatment depths and intensity of thermal injuries to optimize treatment in the epidermis and dermis simultaneously. |
| Pattern |   |   |   |   |
| Histology |  60 mJ at 0 days  60 mJ at 3 days |  70 mJ at 0 days  70 mJ at 10 days |  50 mJ at 0 days  50 mJ at 10 days |  60 mJ at 0 days  75 mJ at 10 days |

Science that Builds Success

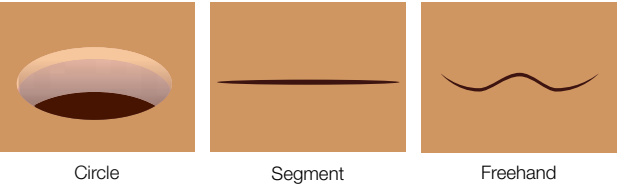
CO₂RE positions your practice for growth through proven, predictable results, increased patient satisfaction and the ability to differentiate yourself with a truly unique treatment offering. Initial cost of ownership is very favorable compared to other CO₂ systems, and has no ongoing disposable costs.

Maximize your investment with clinical in-service training and marketing support plus the confidence that comes with excellent warranty coverage and service support.

Traditional CO₂ Resurfacing Mode Shapes



Dermal Excision Mode Shapes





Who are Your CO₂RE Patients?

Optimal for Fitzpatrick skin types I-III, CO₂RE is the obvious choice for skin resurfacing when you and your patients understand the treatment tradeoffs of superior, single-treatment results for elevated discomfort and downtime. Flexible and targeted, CO₂RE technology makes this decision easier by helping you deliver predictable and often dramatic results quickly and with less discomfort than some other systems.

Clinical Results



Before



4-6 weeks post 1 treatment



Before



4-6 weeks post 1 treatment



Reusable Handpiece



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CO₂RE System Specifications

| | |
|--------------------------------|--|
| Laser Type | CO ₂ |
| Wavelength | 10,600 nm |
| Laser Emission Mode | Pulsed |
| Output Power | 60 watts (maximum peak) |
| Laser Beam Energy | Variable from 1 - 70 mJ |
| Pulse Repetition Rate | Up to 16.7 kHz |
| Pulse Duration | 20 - 1166 µsec |
| Power Stability | ± 1.5 watts (±5%) |
| Mode Quality (M ²) | < 1.2 |
| Beam Size | Ø 1.8 ±0.5 mm |
| Beam Divergence | 7.5 ±0.5 mrad (full angle) |
| Polarization | > 100:1 linear (orthogonal to mounting pads) |
| Maximum Scan Area | 10 mm diameter |
| Aiming Laser | 5 mW, 650 nm (red) diode laser |
| Articulated Arm | <ul style="list-style-type: none"> • Lightweight, aluminum fiber, 7-joint, pneumatically balanced • Treatment radius at full arm extension: 85 cm (33.5") • Horizontal rotation: 360° |
| Lens Assemblies | 150 µm spot size 120 µm spot size (optional) |
| Handpiece | Multi-use |
| User Interface | 10.4" high-resolution color LCD Touch-screen technology |

| | |
|---------------------------|--|
| Laser Emission Control | Footswitch |
| Laser Emission Indicators | <ul style="list-style-type: none"> • Solid amber LED in Standby and Ready modes • Flashing red LED during laser emission |
| Electrical Requirements | 100 - 240 VAC self-sensing, 50/60 Hz, 7.1 A, single phase |
| Dimensions | 40 cm x 44 cm x 177 cm (15.75" x 17.3" x 70") |
| Weight | 26 kg (58 lbs) |

Operating Modes

| Mode | Energy Settings | Fractional Coverage | Estimated Ablation Depth |
|---------------------------|-----------------|---------------------|--------------------------|
| CO ₂ RE Light | 30 - 60 mJ | 30 - 50% | 20 - 40 µm |
| CO ₂ RE Mid | 60 - 90 mJ | 20 - 40% | 100 - 200 µm |
| CO ₂ RE Deep | 50 - 80 mJ | 1 - 5% | 500 - 750 µm |
| CO ₂ RE Fusion | 60 - 70 mJ | 20 - 40% | 100 - 280 µm & 500 µm |
| Classic Resurfacing | 1 - 10 mJ | Full | 100 - 200 µm |
| Dermal Excision | 10 - 50 mJ | N/A | Line: 6 x 0.2 mm |

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