CO₂RE®

The Complete CO₂ Solution

CO₂RE Aesthetics
CO₂RE Intima
CO₂RE Surgical

SYNERON CANDELA®
CO₂RE - The Solution For Popular Treatments

CO₂RE is the versatile platform which offers proven solutions for skin resurfacing, wrinkle and scar reduction, pigmentation, minor dermal incisions and excisions, and now vaginal treatments. 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 – all from a single platform.

Your practice is positioned for growth with CO₂RE through the proven, predictable results, increased patient satisfaction and the ability to differentiate yourself with unique treatment offerings.

- 4 Modes: Light, Mid, Deep & Fusion for fractional resurfacing
- Classic Mode for full resurfacing
- Surgical Mode for incision and excision
- Choice of 4 featherweight handpieces
- Choice of 3 lenses
- Easy-to-learn user interface
- Featherweight articulated arm
- Compact size & easily mobile

CO₂RE - Extremely Versatile, Easy-to-Use, Featherweight Handpieces.

CO₂RE - Clinical Results That Speak For Themselves

Wrinkles
Before | 1 Year After 1 Treatment
Photos: Craig Mezrow, M.D.

Acne Scars
Before | After Treatment
Photos: Alain Braun, M.D.

Wrinkles & Pigmentation - Lower Face
Before | 4-6 Weeks Follow Up
Photos: E. Victor Ross, M.D.

Anti-aging - Arms
Before | After 1 Treatment
Photos: Jill Waibel, M.D.

Scars
Before | After 2 Treatments
Photos: David Friedman, M.D.

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, MD, Dermatologist
For my practice, we selected the CO₂RE CO₂ device because it is so versatile with traditional and fractional resurfacing, which means we can treat a wide range of conditions. Adding it to our practice has been easy - it has an excellent graphic interface, as well as a small footprint - and has expanded our patient offerings.

Hayes B. Gladstone, M.D., Dermatologic Surgeon, San Ramon, CA.

A Powerful CO₂ in a Compact Device
- 6 treatment modes for optimal tissue impact and total flexibility.
- Displays treatment selections via intuitive touch-screen interface.
- Stores and automatically recalls user preferences.

Digital Super Pulsed Laser
- Designed for optimum reliability and high performance.
- Delivers pulses with exceptional speed and precision.
- Varies the laser energy rapidly for multi-level treatment capabilities.
- True CW Surgical Mode for effective skin coagulation after the cut.

High Precision Inboard Scanner
- Digitally synchronized with the Laser Pulse Generator.
- Enables different parts of the same scan matrix to be placed at different depths.

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

CO₂RE Innovation Includes Variable Treatment Modes
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 provides a total of six different treatment modes, including four fractional ablative treatment modes and pattern shapes, a classic resurfacing mode, and a surgical mode that includes defined shape and freehand modes for minor dermal excisions.

<table>
<thead>
<tr>
<th>Program</th>
<th>CO₂RE Light</th>
<th>CO₂RE Mid</th>
<th>CO₂RE Deep</th>
<th>CO₂RE Fusion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Provides superficial fractional treatments in the epidermis increasing epidermal cell proliferation</td>
<td>Penetrates more deeply for a stronger fractional ablative effect, producing additional coagulated tissue below the dermal-epidermal junction</td>
<td>Penetrates through to the dermis for the deepest fractional ablative effect, surrounded with significant coagulated tissue deeper into the dermis</td>
<td>Unique scan pattern combines treatment depths and intensity of thermal injury to optimize treatment in the epidermis and dermis simultaneously</td>
</tr>
<tr>
<td>Pattern</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Histologies</td>
<td></td>
<td></td>
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</tbody>
</table>

DC-excited CO₂ lasers deliver pulses with non-ablative emission tails which can result in less optimum ablation-coagulation ratio and patient discomfort.²

CO₂RE’s Featherweight Articulated Arm and Multi-Use Handpieces

Multi-Use Aesthetic Handpiece
- Many laser systems use articulated arms, yet none are as light, flexible and comfortable as the featherweight arm created for CO₂RE.
- Made of aluminum and pneumatically balanced, it features continuous beam centering optics, with 5 degrees of rotational freedom.

Multi-Use Surgical Handpiece
- CO₂RE’s ultra-light, autoclavable Aesthetic and Surgical handpieces are as unique as the articulated arm.
- Because the laser scanners are inside the device and not hanging from the handpiece, CO₂RE’s high quality aluminum, multi-use treatment handpieces are ergonomically shaped and incredibly light.

CO₂RE’s RF-excited CO₂ laser delivers a smooth top hat pulse with better ablation-coagulation ratio for optimal results.²

Traditional CO₂ Resurfacing Mode Shapes
- Circle
- Rectangle
- Square

Dermal Excision Mode Shapes
- Circle
- Segment
- Freehand
Women’s Intimate Wellness – An In-Demand, Rapidly Growing Market Need

Women’s intimate wellness is a rapidly growing market need. In a survey\(^1\) of American women:

- **93%** had not had any vaginal rejuvenation treatments
- **63%** would consider a non-surgical procedure to tighten the vaginal canal
- **43%** had heard of vaginal rejuvenation, labiaplasty, labial tightening and pigmentation treatment
- **75%** suffer from vaginal dryness and of these, **80%** say that it negatively affects their lives
- **66%** suffer from Stress Urinary Incontinence to some degree

**Women Are Taking Control**

Many women experience painful intercourse, dryness, itching and burning of the vagina.\(^1\)

Women have a growing interest in modifying the appearance of the vulva, including pigmentation.

With CO\(_2\)RE Intima, physicians are now able to offer treatment of these conditions.

CO\(_2\) lasers have been shown to remodel tissue with neoformation of collagen and elastic fibers in atrophic skin.\(^4\)

**Relieves signs of childbirth & aging**

- In a survey of American women, 63% felt their vagina was looser since giving birth.
- Of these women, 62% felt this negatively affected their sex life.

**In-demand new treatment**

The emerging area of women’s intimate wellness creates new treatment opportunities for health care providers. Educational workshops are available to guide you through skills acquisition.

**Women Report High Satisfaction with CO\(_2\)RE Intima Treatments**\(^5\)

- **73%** reported an improvement in sexual gratification.
- **75%** reported an improvement in vaginal rejuvenation.
- **92%** reported satisfaction with treatment and would recommend it.

**CO\(_2\)RE Intima Uniquely Treats All 3 Intimate Areas:**

- **Internal, External and Introitus.**

- Remodel vaginal connective tissue\(^2\) with the hygienic, single-use Internal handpiece.
- Treat dyschromia and vulvar dystrophy. Treat the introitus and improve the appearance of the external genitalia with the hygienic, single-use External handpiece.
- Use the Surgical handpiece to excise or incise external tissue.

CO\(_2\)RE Intima provides a value packed solution, attractively priced for easy access to this emerging women’s intimate wellness market.

With CO\(_2\)RE Intima, the hygienic, single-use handpieces assure women of the hygiene they expect of treatments in this intimate area. These treatments are easy-to-master and quick with both internal and external treatments taking 10 minutes.
Syneron Candela is a leading global aesthetic device company with a comprehensive product portfolio and a global distribution footprint. The Company’s technology enables physicians to provide advanced solutions for a broad range of medical-aesthetic applications including body contouring, hair removal, wrinkle reduction, tattoo removal, improving the skin’s appearance through the treatment of superficial benign vascular and pigmented lesions, and the treatment of acne, leg veins and cellulite.

The Company sells its products under three distinct brands, Syneron, Candela and CoolTouch, and has a wide portfolio of trusted, leading products, including UltraShape, VelaShape, GentleLase, VBeam Perfecta, PicoWay, Profound and elos Plus.

Founded in 2000, the company markets, services and supports its products in 86 countries. It has offices in North America, France, Germany, Italy, Portugal, Spain, UK, Australia, China, Japan, and Hong Kong, and distributors worldwide. For additional information, please visit www.syneron-candela.com.

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### CO₂ RE System Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laser Type</td>
<td>CO₂</td>
</tr>
<tr>
<td>Wavelength</td>
<td>10,600 nm</td>
</tr>
<tr>
<td>Laser Emission Mode</td>
<td>Pulsed, CW</td>
</tr>
<tr>
<td>Output Power</td>
<td>60 Watts (maximum peak)</td>
</tr>
<tr>
<td>Laser Beam Energy</td>
<td>Up to 70 mJ</td>
</tr>
<tr>
<td>Pulse Repetition Rate</td>
<td>Up to 16.7 kHz</td>
</tr>
<tr>
<td>Pulse Duration</td>
<td>Up to 1100 µsec</td>
</tr>
<tr>
<td>Maximum Scan Area</td>
<td>10 mm diameter</td>
</tr>
<tr>
<td>Aiming Laser</td>
<td>5 mW, 650 nm (red) diode laser</td>
</tr>
<tr>
<td>Articulated Arm</td>
<td>Lightweight, aluminum fiber, 7-joint, pneumatically balanced, Treatment radius at full arm extension: 85 cm (33.5”) Horizontal rotation: 360°</td>
</tr>
<tr>
<td>Lens Assemblies</td>
<td>Two 150 µm spot size (1 swivel) 120 µm spot size</td>
</tr>
<tr>
<td>Handpieces</td>
<td>Multi-use CO₂ RE Aesthetic handpiece, Hygienic, single-use Internal and External CO₂ RE Intima handpieces, Multi-use Surgical handpiece.</td>
</tr>
<tr>
<td>User Interface</td>
<td>10.4” high-resolution color LCD Touch-screen technology</td>
</tr>
<tr>
<td>Laser Emission Control</td>
<td>Footswitch</td>
</tr>
<tr>
<td>Laser Emission Indicators</td>
<td>Solid amber LED in Standby and Ready modes, Flashing red LED during laser emission</td>
</tr>
<tr>
<td>Electrical Requirements</td>
<td>100 - 240 VAC self-sensing, 50/60 Hz, 7.1 A, single phase</td>
</tr>
<tr>
<td>Dimensions</td>
<td>40 cm x 44 cm x 177 cm (15.75” x 17.3” x 70”)</td>
</tr>
<tr>
<td>Weight</td>
<td>26 kg (58 lbs)</td>
</tr>
</tbody>
</table>

### Operating Modes

<table>
<thead>
<tr>
<th>Mode</th>
<th>Energy Settings (mJ)</th>
<th>Fluence (J/cm²)</th>
<th>Fractional Coverage (%)</th>
<th>Estimated Ablation Depth (µm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO₂ RE Light</td>
<td>18 - 74.5</td>
<td>3.6 - 6.6</td>
<td>30 - 50</td>
<td>20 - 40</td>
</tr>
<tr>
<td>CO₂ RE Mid</td>
<td>45 - 257</td>
<td>8.8 - 22.7</td>
<td>20 - 40</td>
<td>100 - 200</td>
</tr>
<tr>
<td>CO₂ RE Deep</td>
<td>30 - 70</td>
<td>170 - 396</td>
<td>1 - 5</td>
<td>500 - 750</td>
</tr>
<tr>
<td>CO₂ RE Fusion</td>
<td>45 - 128</td>
<td>8.1 - 24.8</td>
<td>20 - 40</td>
<td>100 - 200 &amp; 500 - 750</td>
</tr>
<tr>
<td>Classic Resurfacing</td>
<td>1 - 10</td>
<td>5.6 - 56.5</td>
<td>Full</td>
<td>100 - 200</td>
</tr>
<tr>
<td>Surgical</td>
<td>5 - 40</td>
<td>28.3 - 226</td>
<td>N/A</td>
<td>0.2 mm predefined line segment 0.2 mm freehand mode</td>
</tr>
</tbody>
</table>

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1 Data on file
2 Proprietary Syneron Consumer Survey, 2015
5 Clinical Study HM Monteprincipe Hospital, Madrid, Spain, 2015

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