

 CO2 Blossom

Fractional CO2 Laser System

Vaginal Rejuvenation & Skin Resurfacing





CO₂ Blossom

A Next Generation of Fractional CO₂ Laser

CO₂ Blossom is a revolutionary fractional CO₂ laser device for skin that restores youthful looks!

It involves the application of tiny lasers that penetrate deeply into the skin's layers, causing controlled damage to the cells that activate the body's natural healing process. This encourages fresh new cells to be produced, tightens the skin, removes age spots, fine lines, acne scars and stretch marks, as well as rejuvenates the vulva. As a result, skin emerges fresher and younger.

HANDPIECES

ABLATION . VAPORIZATION . EXCISION . INCISION . COAGULATION



Fractional Co2 laser
for vaginal tightening



Fractional Co2 laser
for vulva treatment



Fractional Co2 laser
for facial treatment



Co2 laser for surgery

APPLICATIONS & TREATMENTS

Fractional Mode

- Skin resurfacing
- Collagen remodeling
- Skin tightening & lifting
- Pores reduction
- Pigmentation & age spots removal
- Photoaged skin & fine lines treatment
- Scars treatment
- Dead cells elimination
- Vulva rejuvenation

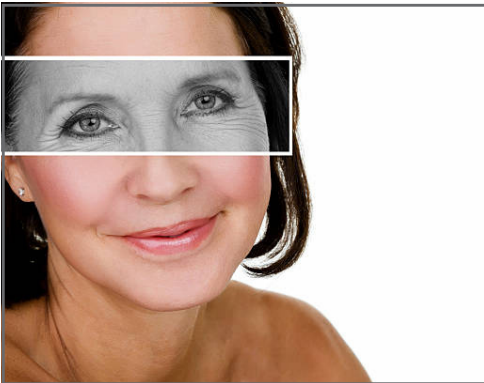
CO2 Cutting Mode

- Epidermal moles
- Vascular granuloma treatment
- Fat granule & warts removal
- Benign tumors removal
- Skin derivatives treatment

VAGINAL MODE

- Vaginal tightening
- Post delivery rehabilitation
- Post menopause indications
- Stress urinary incontinence (SUI)
- Vaginal hydration

APPLICATIONS & TREATMENTS



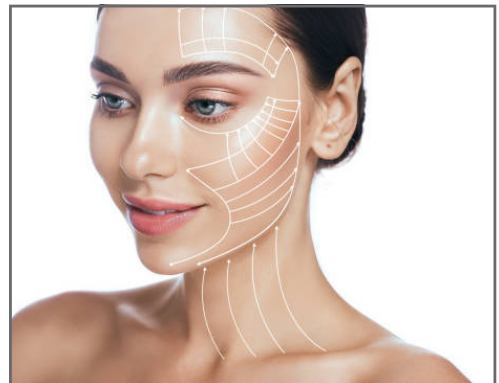
Collagen remodeling



Pigmentation removal



Vaginal tightening



Skin tightening



Stretch marks removal



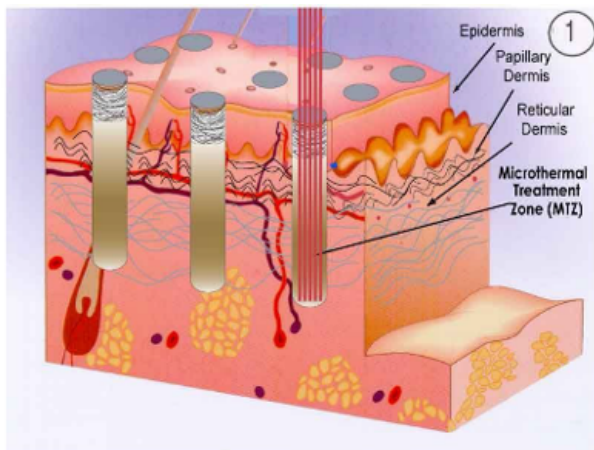
Scar removal

SCIENCE & TECHNOLOGY

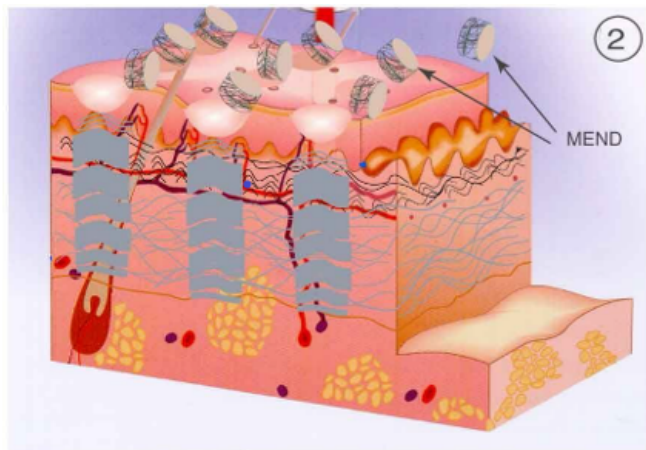
FRACTIONAL CO2 SYSTEM

Fractional CO2 laser delivers 10,600nm laser in fractional manner into the skin, while leaving the untreated areas intact. Laser creates microscopic thermal dots that penetrate deep into the skin tissues, causing controlled damage to the cells to activate the body's natural healing process.

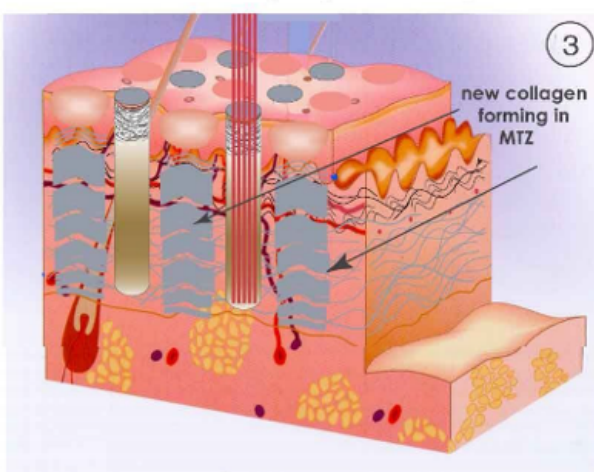
The underlying technology consists of laser using carbon dioxide gas. When short bursts of light energy are focused on the affected area, the water in the tissues of the epidermis absorbs the energy and heats up until it reaches a boiling point. This causes a thin layer of the epidermis to vaporize, exposing fresh skin. The tiny beams also heat up the dermis, encouraging fresh new cells to be produced, firming the skin, and revitalizing the complexion from deep within.



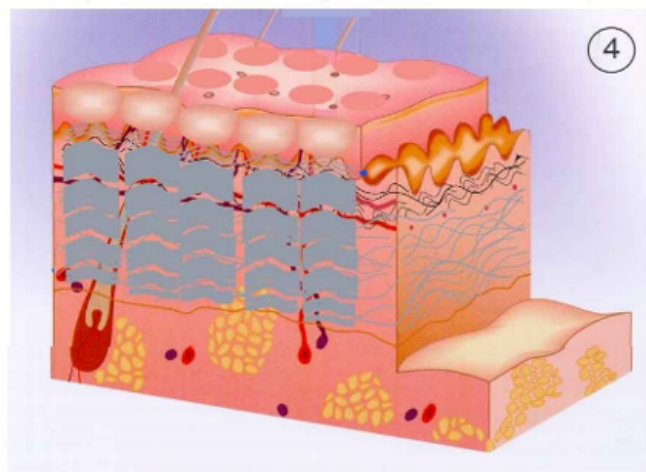
Each hit of the laser produces a Microthermal Treatment Zone smaller than a human hair, sparing the intervening normal tissue.



Collagen remodeling takes place in the MTZ, and a small plug of MicroEpidermal Necrotic Debris (MEND) flakes off in a few days.



A second treatment creates more MTZs as the collagen from the first treatment remodels and tightens.



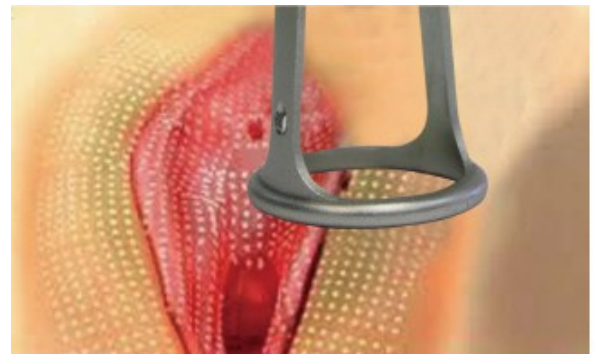
Each treatment session covers about 20% of the skin surface. Usually 4-6 treatments spaced at 1 week intervals are needed.

SCIENCE & TECHNOLOGY

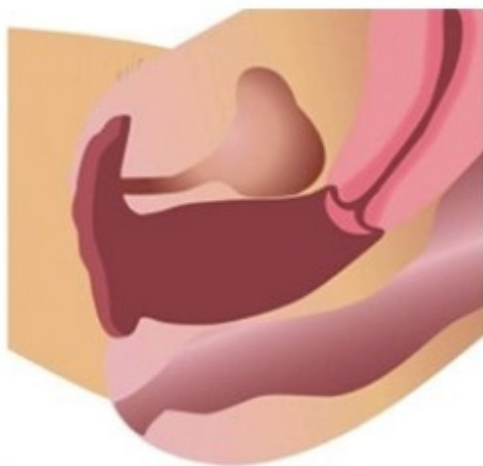
VRL SYSTEM

CO2 Blossom is a powerful vaginal rejuvenating device that promotes the remodeling of the vaginal mucous epithelium layer to allow the vaginal walls to rebuild a naturally stronger structure, recover lost volume, increase natural moisture and elasticity.

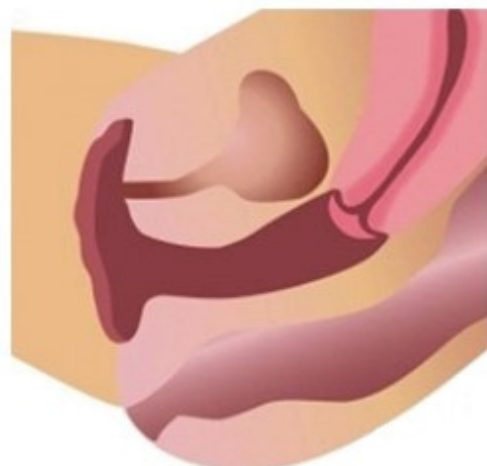
Using an arm probe with automatically 360° rotation technology, in 50-70°C controlled depth inside the vaginal mucosa, stimulates the collagen remodeling process and tightens the inner wall of the vagina. In addition, it improves stress urinary incontinence caused when the support tissues of the bladder are weakened. It also helps treat vaginal atrophy, the thinning of the walls of the vagina, that commonly occurs post menopause, surgery or following multiple child births.



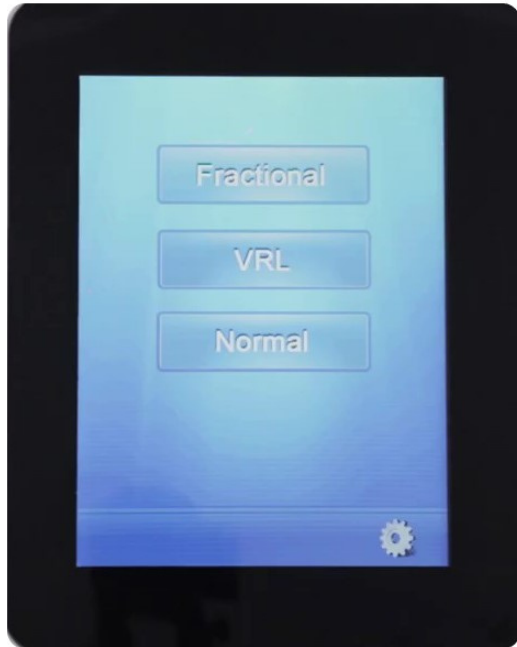
Before



After



BENEFITS



Multifunctional Device

A one stop solution to solve all skin problems, help you maximize your return on investment.

User Friendly Software

An easy to use software and the user can simply select the treatment mode, scanning shape and scanning mode required for the patient.

Controlled Outcomes

It provides a wide range of controls that enables tailoring parameters combination for each case and obtain precisely expected outcomes.

Comfortable User Experience

The smart design of the arm carries away the weight of hand piece allowing a smooth control by the user and prevents exhaustion during busy days.

Minimizing Human Mistakes

The skin contact sensor ensures firing laser only upon contact with skin, thus it minimizes user mistakes.

Efficient Procedures

It has variable and adjustable applicators with controlled scanning shapes and sizes for targeted and precision treatments.

Less Operation Costs

No consumable parts, easy to maintain, highly durable and uses an energy source that doesn't require frequent refurbishment.



PATIENT BENEFITS

Quick Recovery

It provides a quicker recovery, reduced discomfort and long-lasting gradual improvement.

Effective Treatment

Effective treatment with long lasting results.

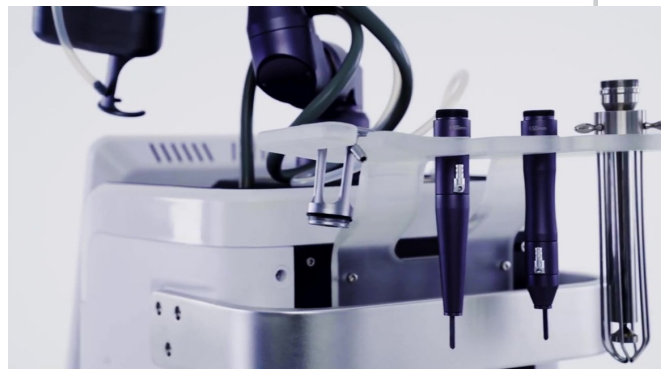
Painless & Safe Treatment

A highly effective non-invasive and gentle method for renewing the skin and restoring a more youthful appearance.

Customized Scanning Shapes

With its multiple scanning shapes, It is designed to adjust the scanning shape size based on the affected area.

Patients can return to their
daily routine with little
downtime



PRODUCT DETAILS

	+		=		Fractional for vulva
					Fractional for face
	+		=		CO₂ for surgery



PRODUCT SPECIFICATION

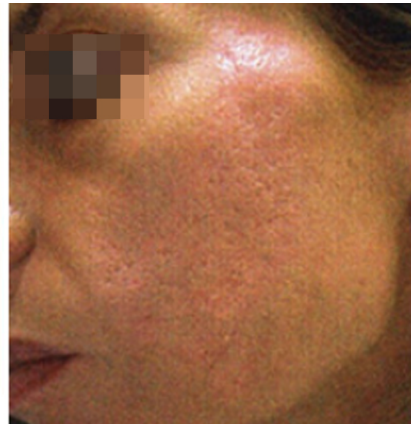
Wavelength	10.6um
Working Mode	Continuous / Ultra-Pulse / Non-Sequential Pulse
Treatment Heads Specification	Fractional head / Vaginal head / Vulva treatment head / Pulse treatment heads (50mm & 100mm) Optional: Vaginal cervical erosion head / Vaginal leakage of urine head
Power	40W
Pulse Width	0.1-10ms adjustable step 0.1ms
Laser	DC closed RF laser generator
Indicator Light	635nm infrared
Laser Origin	USA
Cooling System	Air
Language	English
LCD Display	15 inch 16-bit colour LCD display
Scanning Graphics	Square, rectangle, circle, diamond, triangle, ellipse, linear
Voltage	110V-240V AC
Size	530 X 570 X 1380mm
Weight	55kg



TREATMENT RESULTS

Before

After



TREATMENT RESULTS

Before

After





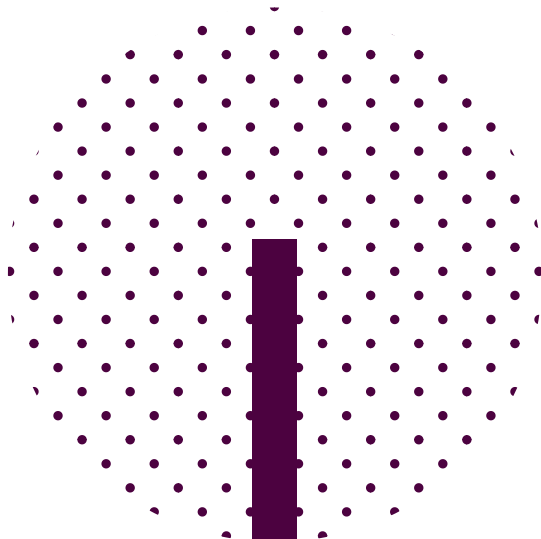
TUV and FDA approved

- Germany TUV medical CE and FDA approved 10600nm wavelength laser 40w system
- High quality American Coherent RF-Driver laser






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