



Fractional CO₂ laser

Working principle

The lattice carbon dioxide scanner adopts selective photothermal decomposition, which not only has the rapid and significant effect of invasive treatment, but also has the advantages of non-invasive treatment, small side effects and short recovery time. Dot matrix laser therapy is to evenly punch tiny holes on the skin with laser, and then cause a series of skin biochemical reactions, so as to achieve the effect of tightening, rejuvenating and removing color spots. Since the dot matrix laser treatment will only cover part of the skin tissue, and the newly punched holes will not overlap each other, part of the normal skin will be retained and the recovery will be accelerated.



Fractional



Cutting Surgical



Private Treatment



Fractional Co2 laser



TUV Medical CE



FDA

Certificate query method

TUV CE: <https://ec.europa.eu>

FDA: <https://www.fda.gov/>



Medical CE certificate

ISO13485 is the only
Certification that prove the factory ability

Main Advantage

1. FDA and TUV CE approved CO² fractional laser machine.
2. USA imported 40W RF Metal tube, ensures powerful and stable energy , Life time : 5-10 years long life.
3. 3 working modes: fractional +surgery+ vaginal
4. Korean imported Laser Arm , output energy is more stable , smallest energy reduction.



7 Joint articulated arm

Patented solid articulated arm, high and stable energy transmission.

Various treatment heads



Fractional scanner



Vaginal tightening



Surgery Cutting

Effect comparison



Before

After

Before

After

Before

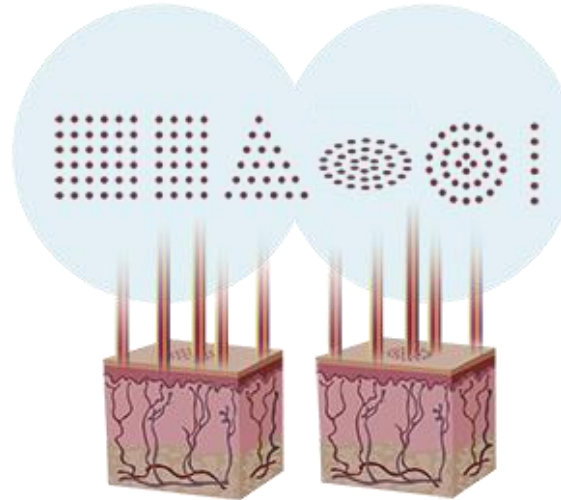
After

Clinical application

A powerful CO² rejuvenating vaginal laser that promotes the remodelling of the vaginal mucous epithelium layer. The regeneration of new tissue within the vaginal walls that takes place following treatment rebuilds a naturally stronger structure, and recovers lost volume, hydration and elasticity.

Various scan sizes & shapes

- The fractional CO² laser system delivers microscopic columns of 10,600nm CO² laser energy into the skin. It provides stable and efficient results with far less downtime and risk



High-speed scanning galvanometer

1. Fast operation speed
2. The scanning time and speed are controllable
3. Customers are more comfortable

6 modes of scan size available(maximal 20x20mm)

1. Square, rectangle, circle, oval, rectangle, linear
2. The spot density (dot spacing) can be adjusted to achieve full coverage mode
3. In the super pulse mode, the energy time on the skin is less than the skin cooling time (0.2 seconds)

- Multy-function with 3 working modes:

Fractional laser + Surgery+ Vaginal therapy



100% Korea import Reliable quality

- 7-section articulated light guide arm
- Greatly reduces energy loss
- Easy and flexible operation
- Stylish appearance and excellent use feeling

- Ultra-compact
- Outstanding beam quality
- Mental tube,Unpolarized,0% after-sale
- 30,000 hours,8-12 years lifespan

Vaginal Rejuvenation



360° Automatic Vaginal Tip



The function of the head

- | | | |
|--|---|---|
| <ul style="list-style-type: none"> • Co2 Fractional
Skin rejuvenation
Acne treatment
Freckle spop removal
Stretch marks removal | <ul style="list-style-type: none"> • Cutting head
Mole removal
Stretch marks treatment
Medical cutting use | <ul style="list-style-type: none"> • Vaginal Tighten
Shrink vagina
Beautify vagina
Moist vagina
Maintenance vagina |
|--|---|---|



7-section articulated light guide arm

- Accurate beam quality to minimize necrosis zone
- Easy to control ablation depth by adjusting pulse energy
- The possibility of controlling penetration depth
- Convenient LCD touch panel



Higher security

multiple protection

Lasers imported from the United States

Solid-state laser

The metal pipe is relatively safe and has a long service life (completely closed device). It is generally used for 5 to 10 years without any problems .

RF Tube solid-state laser, without dimming (without polarization), has stable energy and is suitable for long-distance transportation

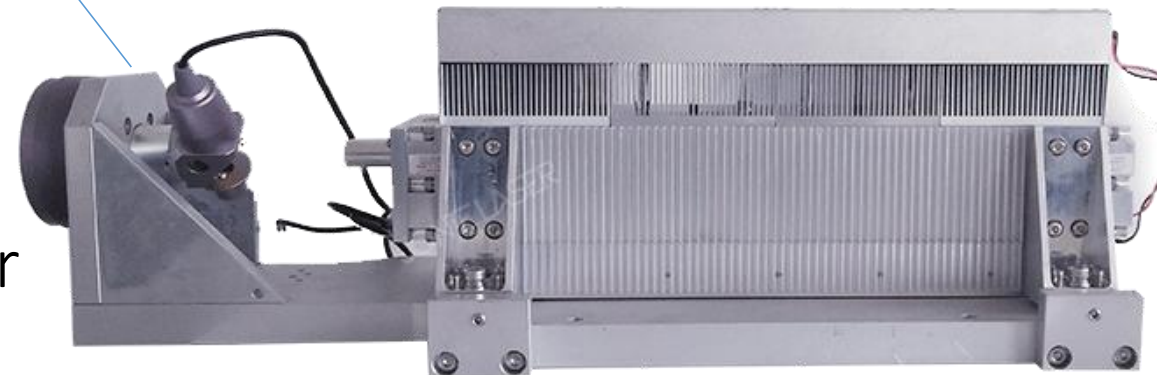


Light bar protection

Do not step on the pedal, will not emit light, avoid hurting customers, and the instrument is safer

Safety

Metal pipes are safer



Fractional Applications:

Fractional carbon dioxide lasers also firm and refine the skin, improving long-term collagen and elastin regeneration.

Pigmentation removal: such as chloasma, age spots, etc

Acne treatment

Wrinkle removal and skin tightening

Stretch marks removal

Vaginal treatment: vaginal tightening, vagina labia whitening

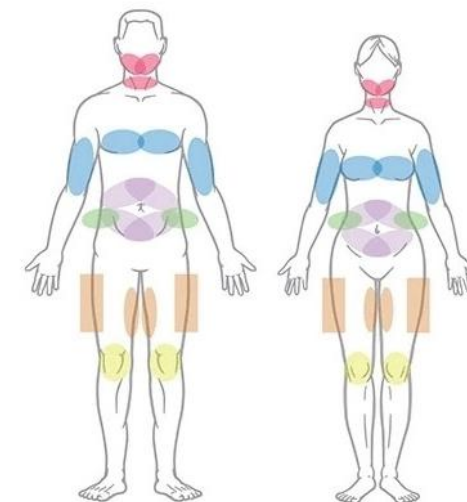
Smooth scars such as surgical scars, burns, etc

Skin resurfacing principle

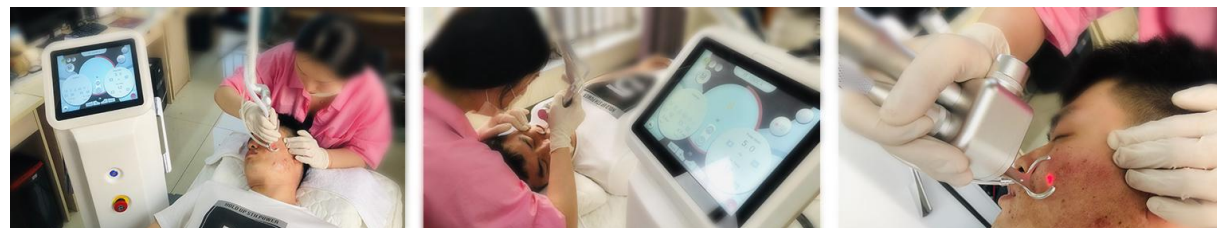
Fractional laser penetrates skin and forms tiny thermal channels. This creates some ablative and thermal effect only on these channels (a micro-injury) without damaging the surrounding tissue. The tissues surrounding the micro-injuries (about 15-20% of the treatment area) start the healing process. As the collagen remodels, the skin is tightened, scars and pigmented lesions are improved as well.

Clinical Applications

This machine is widely used in dermatology, gynecology, ENT, stomatology, etc. Dental, general or cosmetic surgery for incisions, vaporization, cauterization and coagulation



Co2 fractional laser therapy combined with topical antifungal was found to be effective in the treatment of onychomycosis. Laser-assisted drug delivery is an evolving modality that may allow for a greater depth of penetration by topical medications thereby improving their efficacy.



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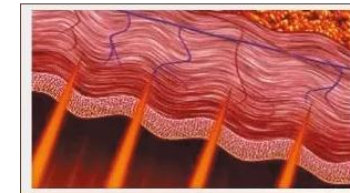
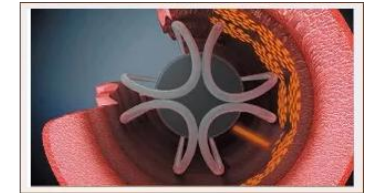
Vaginal Therapy principle

10600nm CO₂ laser acts on vagina mucosa and muscular tissue, generate extensive and regular thermal effect, get the instant tightening and lifting result.

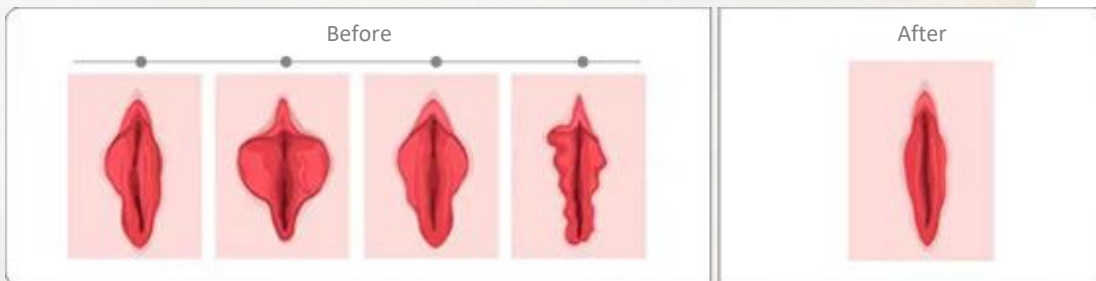
At the same time, It creates a large amount of extreme tiny peeling hole, which will improve the vagina lasting elasticity. These peeling channels will stimulate massive fibrocytes regeneration and youth the vagina.



Vaginal model



- The patented comfort technology ensures non-invasive and safety, doctors and patients will choose the treatment instead of surgical method.



● Vaginal tightening principle

A powerful CO₂ rejuvenating vaginal laser that promotes the remodelling of the vaginal mucous epithelium layer. The regeneration of new tissue within the vaginal walls that takes place following treatment rebuilds a naturally stronger structure, and recovers lost volume, hydration and elasticity.

Technical parameter

Fractional Co2 laser

Fractional +Ultra Pulse+Vagina 3in 1 system makes the machine mulei-functions



Fractional model



UltraPulse model



Vagina model



Instrument parameters	
Laser type	USA Coherent laser
Wavelength	10600nm
Power	40W
Laser working mode	Continuous
Divergence angle	7.5 mrad
Output mode	Fractional,V- Fractional,Normal
Pulse width	Fractional: 1-10ms V_Fractional: 1-10ms Normal: 1-1000ms
Fractional Graphics	straight line,square, rectangular, triangular, hexagonal, round, and oval
wave of guide beam	650nm
Power of guide beam	2mW
Light guiding system	7 joints arm
Power supply	AC220/110V 50/60Hz
Machine Size	52cm*40cm*125cm
Net weight	65Kg

● The core benefits of Fractional CO² system

1. Skin Resurfacing (Superficial Peeling)
2. Scar Removal: Acne scars, burnt scars and surgery scars, etc
3. Collagen Stimulation
4. Ablation and coagulation for the treatment of skin furrows and other textural irregularities.
5. Dermatological Surgery (including Striae Gravidarum)
6. Tighten vagina –Fast tightening, lasting constriction, tightness to improve 60%;
7. Clean the vagina – Deep anti-aging, young level to improve 80%;
8. Moist vagina – Improving secretion, moisture level to improve 80%;
9. Pink vagina – Vulva rejuvenation, lighten pigment and pinks labia parts, delicate degree to improve 70%.

Thanks!

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