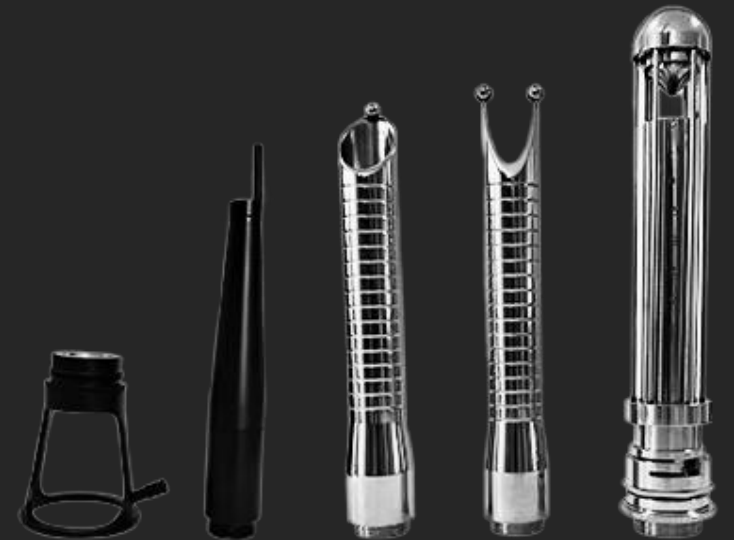


FEMIMED DUAL

Fractional CO2 Laser
plus Micro-Needle RF
for Skin Resurfacing



KEY FEATURES OF FEMIMED DUAL:

Cutting-Edge 2in1 CO2 Laser + Micro-needle RF Technologies
High Power CO₂ Laser plus Micro-needle RF

MULTIPLE APPLICATIONS, COMBINED THERAPY

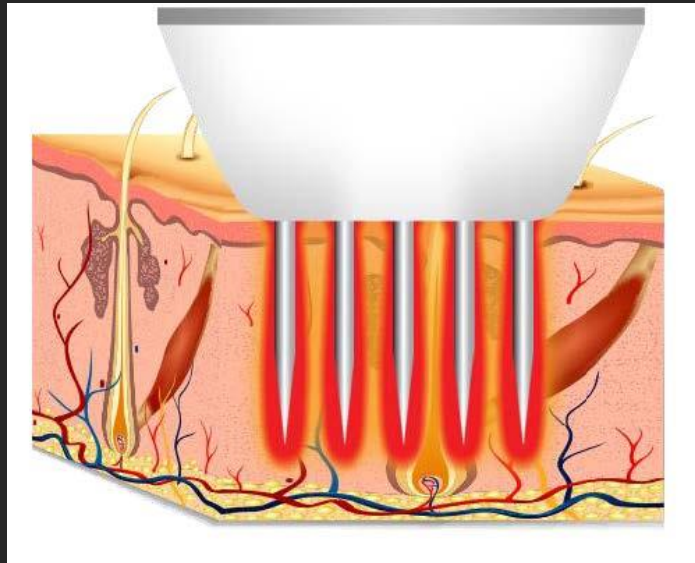
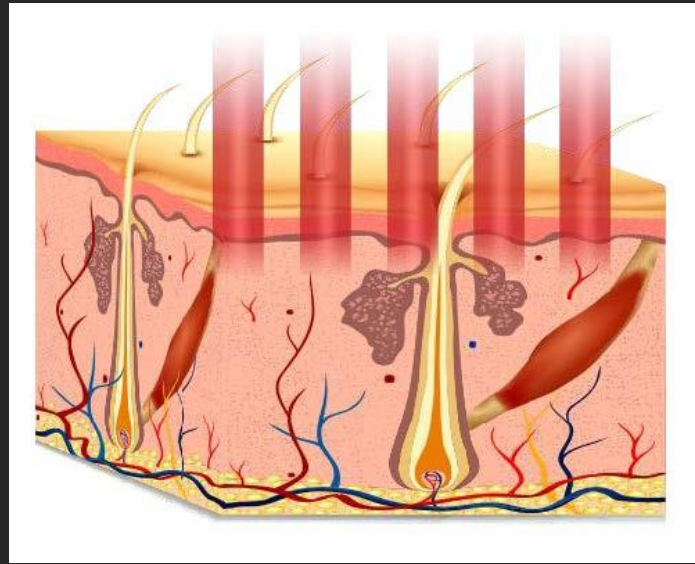
FemiMED Dual is the ideal combination of fractional CO2 laser and micro-needle fractional RF technology, with numerous applications for face and body treatments. This is achieved through the optimal combination of fractional superficial stimulation and deep volumetric heating, giving superior results for single or combination treatments on the most common medical and cosmetic indications.

COST-EFFECTIVE AND VERSATILE

Maximum treatment flexibility is achieved by the FemiMED Dual, allowing superior results, from scars to wrinkles to full resurfacing without the need to purchase additional equipment and expensive consumables.

COMBINATION THERAPY FOR SUPERIOR TREATMENT RESULTS

Combining two techniques optimizes results for certain indications that require both superficial and deeper heating coagulation



/ Working Theory



The wavelength of CO2 laser is $10.6\mu\text{m}$, which can be fully absorbed by human biology tissue (all the skin are available). The sealed-off fractional CO2 laser, whose output laser-light will be transferred by articulated arm, which has better sense of direction and higher energy density.

The CO2 laser operates in the invisible infrared waveband, and an aiming beam is required to see where the treatment beam will impact tissue more recently from a visible red diode laser. When the laser beam go through the focus lens, the produced heat will gasify the target tissue.

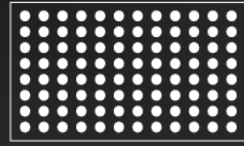
With fractional laser resurfacing the laser beam is broken up or fractionated into many small micro beams which are separated so that when they strike the skin surface small areas of the skin between the beams are not hit by the laser and left intact. These small areas of untreated skin promote a much more rapid recovery and healing with less risk of complications. The small areas treated by the fractional micro beams, called micro treatment zones, cause sufficient laser injury to promote new collagen production and resultant facial

7x Scan Shapes

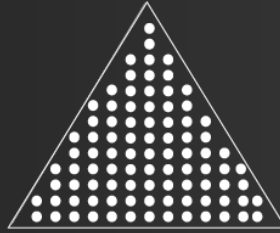
Point



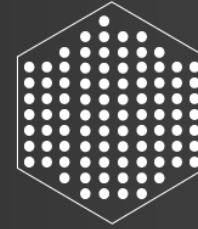
Line



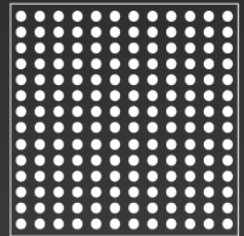
Rectangle



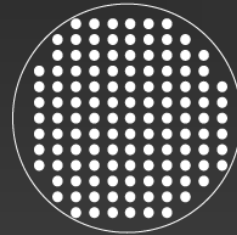
Triangle



Hexagon



Square



Rotundity

- Skin Resurfacing
- Skin Rejuvenation
- Stretch Marks
- Scar Remodeling
- Skin Sagging



Incredible 15.6" Largest 4K Screen with Customized Languages



Fractional CO2 Laser

CO2 laser wavelength is 10.6 μ m, which can be fully absorbed by human biological tissues (covering the whole body skin).

The output laser of a closed fractional CO2 laser is transmitted through the light guide arm.

The sense of direction is better and the energy density is higher.

Applications of Fractional CO2

- Tone & Texture Improvement
- Pore Reduction
- Wrinkle Reduction
- Skin Lifting & Tightening
- Acne Scars
- Skin Resurfacing
- Vaginal Tightening



Cutting Head

Condyloma acuminata treatment,
tumor treatment, Surgical cutting



Scanning Head

Reduce various scars
(hypertrophic scars,depressive scars)
Age spots, wrinkles, skin rejuvenation,
Remove acne, acne marks, and stretch marks.



Light Guide Arm

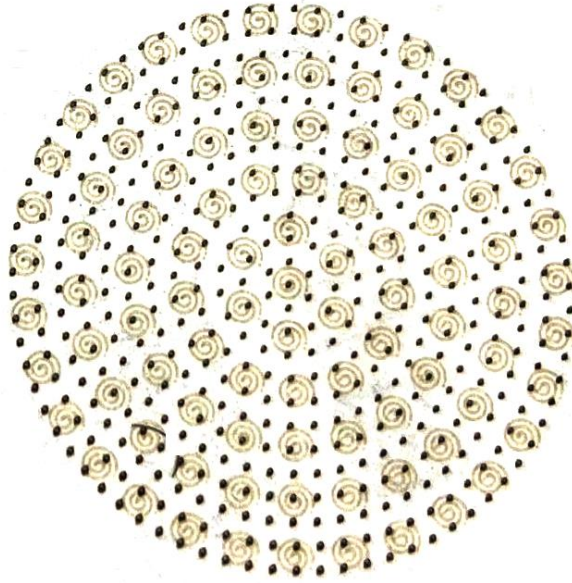
Freely adjustable support handle,
Easy and flexible operation
Spring balanced 7 joint arm,
Greatly reduce energy loss
Stylish appearance and excellent hand feel



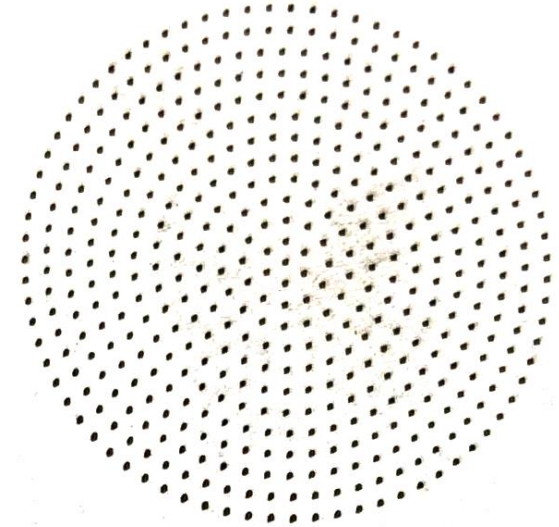
New Features



Superficial mode: Spiral shape, penetrate shallow skin, recover soon.

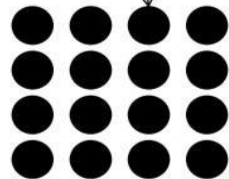


Mixed mode: Superficial+deep, it shoots 2 times with dots and spiral line.

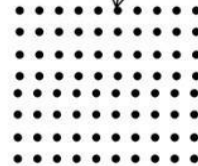


Deep mode: Penetrate deeper in the skin.

Traditional (1.3mm)



Normal (0.12mm)



SmartSport(1.3mm)





Scanning Mode

- Shrink pores and smooth rough skin;
- Reduce belly marks and stretch marks;
- Reduce surgery and trauma scars;
- Skin rejuvenation and refinement;



Cutting Mode

- Medical cutting use
- Warts removal
- Naevus removal
- Polypus removal, etc.



Vagina Mode /Private Mode

- Vaginal , Tighten, Vaginal Moist
- Beauty vagina , Urinary Incontinence.

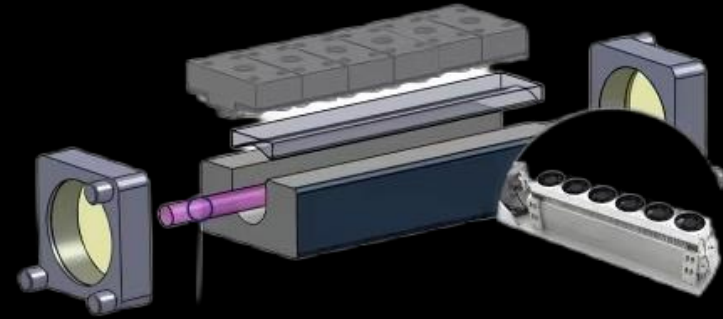


75w



- The Market Highest CO2 Fractional
- Laser Machine with 75W Power

LaserTell® Tailor-made
State of The Art Technology



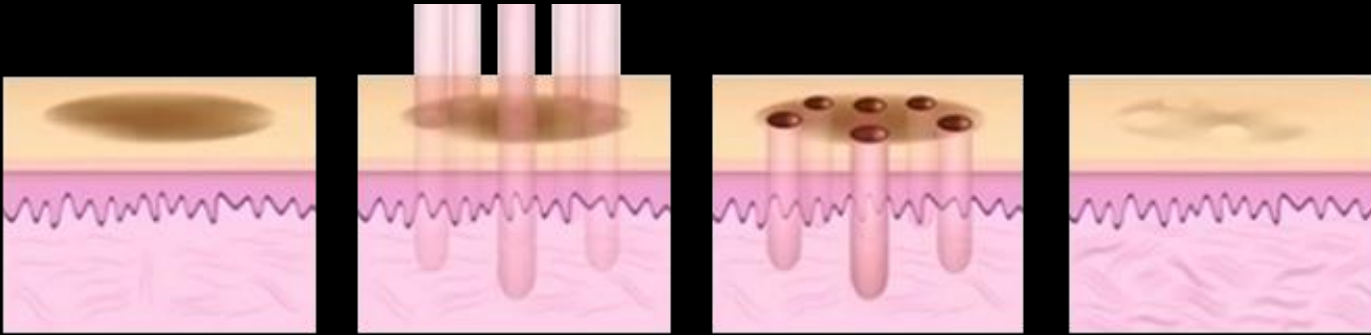
LaserTell never use the Glass Tube, which is always with poor quality and shorter lifetime



Before and After



Fractional Laser Skin Resurfacing



Before

Skin ablation by laser

Healing

Vaginal Tightening



Laser irradiation
analecan be adjusted



The area of the laser
is compact
edgecontraction



Laser irradiation can be
rotated 360 degrees



Vadinal walls shrink
andtightening

Treatment Effect



Before

VS

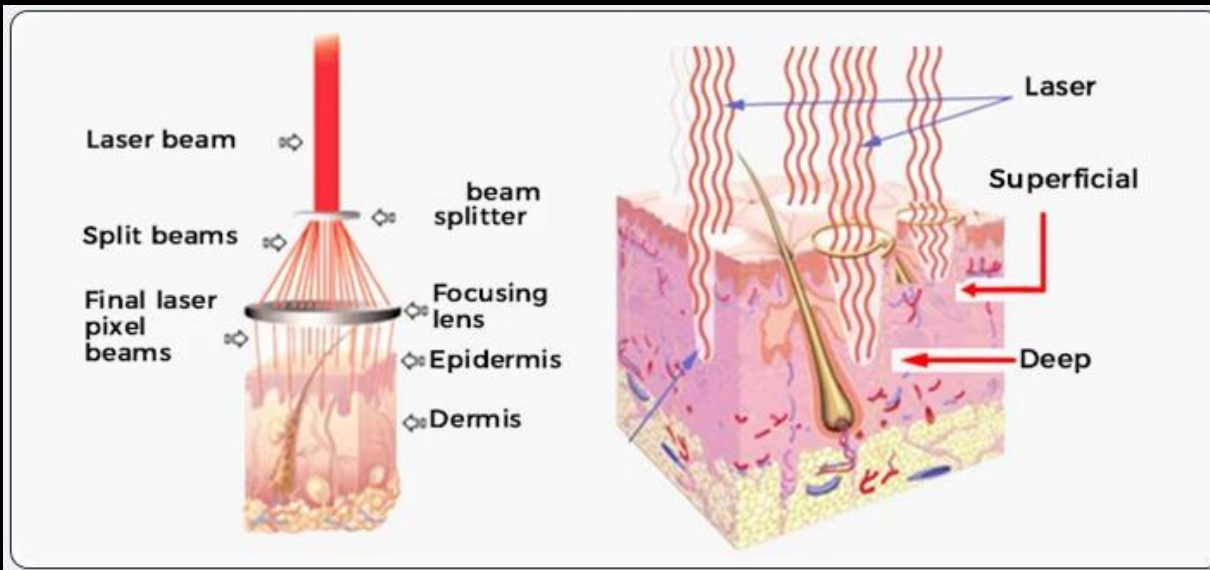


After

PRINCIPLES OF TREATMENT

... ..

Fractional CO2 Working Principle



OPTIONAL HEADS



Digital Endoscope



360 Round Reflector



Gold plating Reflector: Reflect the Laser



Speculum : Broaden the vagina for procedure

7 Joints Articulated Light Guiding Arm



Steady And
Even Output



Multiple
Functions



Beautiful
And Flexible



Safety
Protection



Light Guiding Arm With Reliable Quality

Greatly Reducing Energy Loss

Convenient And Flexible In Operation

7 Joint Articulated Light Guiding Arm

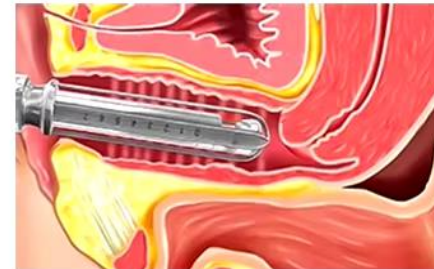
Stylish Appearance And Excellent Use Feeling

Vaginal Treatment Heads

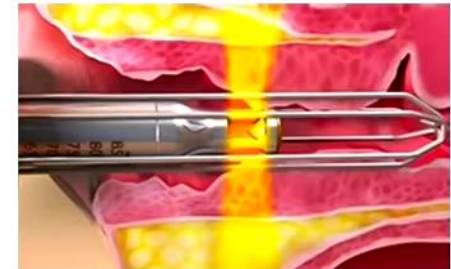
Nourish
Vagina

Tighten
Vagina

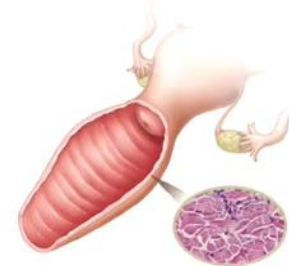
Beautify
Vagina



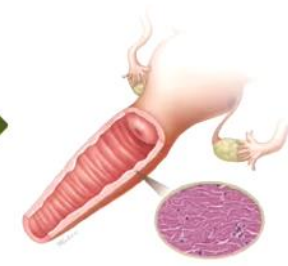
Tighten Technozlogy



360 Ring Lanch Technology



(Before treatment)



(After treatment)

Technical Specifications



Medel Name	FemiMED Dual
Power Output	1-75W
Wavelength	10.6μm
Laser Type	Fractional+Cutting+Gynae+Vulva
Spot Size	0.12mm&1.25mm(adjustable)
Scan Size	up to 20*20mm ²
Display	15.6" True Color LCD Touch Screen
Cooling	Self-contained.Closed Cycle
Stand -by Working	Continuously for 18hours
Electrical Requirements	AC110/220V±10%, 50-60Hz
Dimension	51*62*130cm
Net Weight	75kgs

Working Theory

Radiofrequency waves microneedling uses a fine needle to create microwounds or channels in the skin. RF energy selectively destroys the hair follicles, sebaceous glands, and sweat glands through the microneedle tip, inhibiting inflammation.

Vacuum makes the skin smooth and firm during microneedle treatment, and the needle insertion depth is uniform. Finally, it triggers the production of capillaries, elastin, and collagen, producing an overall tightening and lifting effect. Customizable interface in any language.

-Micro-Needle RF



The Effect is Remarkable

Perfect for overall skin rejuvenation and tightening!

1. Non-surgical face lifting
2. Photo-aging
3. Scars
4. Hyperhidrosis
5. Striae distensae

Face			
Fine Lines	Deep Wrinkles	Acne Scars	Tightening
			
Skin Reconstruction		Appearance of Large Pores	
			
Body			
Stretch Marks	Scars from injury or surgery		Loose & Sagging Skin
			



New upgrade Needle Handle

3 kinds of insulated needle suit whole body



64Pins
full body needles



Sterilized disposable needle cartridges

Microneedle RF Tips



10P

25P

64P

Nanocrystalline head

Disposable crystal head: disinfect with normal saline frst before use, disinfect can put probe in a small bowl, alcohol is not igher than probe, before operation probe must not leave water, lest draw in machine to damage machine.



10 needles
dead angle
needles



25 needles
face needles

Fractional RF Miconedle Machine

Reference table for depth of injection

Operating position	Depth	Velocity, the energy.output time	suction	Rf size
Forehead	0.5-1.0mm	0.2-0.3	1-2	60-110W
The face	1.0-1.5mm	0.2-0.3	1-2	60-100W
The eyes	0.5-1.0mm	0.2-0.3	1-2	60-100W
chin	0.5-1.2mm	0.2-0.3	1-2	60-100W
nose	0.5-1.0mm	0.2-0.3	1-2	60-100W
neck	1.0-1.5mm	0.2-0.3	1-2	60-100W
Blain hole	1.0-2.0mm	0.2-0.3	1-2	60-100W
The scar	1.0-2.0mm	0.2-0.3	1-2	60-120W
The belly	1.0-3.0mm	0.2-0.3	0-1	60-120W

Technical Specifications



1
Wrinkles removal



4
Pore minimizing



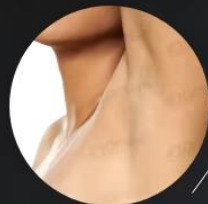
2
Skin tightening



5
Stretch mark removal



3
Scar removal



6
Hyperhidrosis treatment

Max. Power	20W +/-20%
RF Frequency	2Hz+/-20%
Maximum RF Output Power	50W
Intensity	0~100 Level (10 Step)
Repetition	0.2 / 0.5 / 1 / 2sec / Single
Needle-Thickness	0.3mm
Needle-Figure	10,25,64 electrode-needle
Treatment Area	1cm*1cm
Adjustable Depth	0.5-3.5 (0.1step)
Treatment Duration	50ms-950ms
Electrical Power	AC110/220V±10%, 50-60Hz

Micro-Needle RF Applicator

Micro-Needle RF Applicator for Procedures Requiring Ablation and Resurfacing of the Skin.

Add Vacuum Suction Combined Probe for Better Skin Contact, especially around Eyes and Neck Areas.



Fractional RF Applicator

Fractional RF Applicator for Non-Invasive Wrinkle Reduction, suit for The Patients Fear of Needle.

No Down Time, Fast Recovery.





10 Pins

Dead Angle Needles



25 Pins

Face Needles



64 Pins

Full Body Needles



Safety

Needle Tips

Stepping Motor Type

It's different from existing solenoid type, the needle inserts to the skin smoothly with no shock, and causes no bleeding and no pain after the procedure.

Needle Depth Control

- 5-4.0mm (0.2mm Step)
- Operate epidermis and dermis layer by controlling the needle depth in unit of 0.2mm

Gold Plating

Needle is durable and also have high biocompatibility by applying Gold Plating. Patient with Metal allergy could also use it without concerning Contact Dermatitis.

Safety Insulated Needles

Sterilized disposable needle tip
Operator can easily notice the applying RF energy from LED light.
Needle Thickness: 0.2mm
The needle structure is easy to penetrate the skin with minimum resistance.

Principles of Treatment

Superficial Fractional RF



The patented Flow Needling Technology serially inserts the microneedles row-by-row for more comfortable procedure.



Serial insertion reduces unnatural stretching in order to further reduce pain and no downtimes. The depth of the coagulation zone is precisely controlled.



Sub-dermal delivery of RF energy thermal damage to the epidermis providing faster healing time for your patients,



The adjustable depth of the RF energy delivery allows for multiple passes and treatment of delicate areas.

Micro-needle Fractional RF



Superficial Fractional RF has two unique channels which combine to provide epidermal ablation and dermal coagulation,



The first channel delivers a deeper zone of controlled thermal effect to activate collagen and skin enhance skin tightening.



The second channel provides micro-ablation of the upper layers of the epidermis and mild coagulation for controlled fractional ablation and skin rejuvenation with minimally invasive RF delivery.



Together, the two channels provide a 3-dimensional treatment zone for superior skin rejuvenation, overall tightening and consistent results you can count on.



Treatment Effect



Acne Treatment



Scar Removal



Face Lift



Wrinkle Removal



Stretch Mark Removal



Skin Tightening