



# Dermatrix Duo

**Micro-needle Fractional RF Platform**  
*Non-needle Fractional RF Combo*



*Discover the  
Secret Beyond RF*



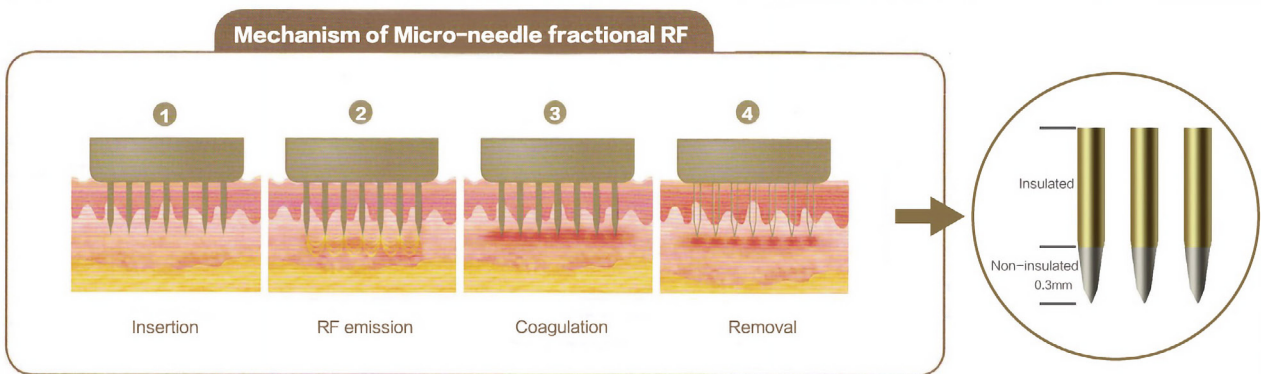
TGA ARTG no. 405991

## Brief Introduction

Dermatrix Duo is the latest generation of fractional RF system, which combines micro-needle and needle-free fractional RF technology for skin resurfacing, scar treatment, wrinkle reduction and skin tightening etc. The delivered RF energy can penetrate into different layers of skin via controllable depth. As a non-laser therapy, Dermatrix Duo is suitable for all skin types, even for pigmented patients.

## Working Principle

The gold-coated needle inserts deeply into the skin. RF energy release just from the insulated pinpoint to create thousands of coagulation zone, which bring thermal effects in the dermis. The microscopic thermal zones (MTZ) produce potential healing effects to accelerate the collagen renewal and skin tissues remodeling.



## Advantages

### Maximum dermal effect, low epidermis disruption

Dermatrix Duo is a 2 in 1 fractional RF platform. Unlike the traditional laser therapy, micro-needle can bring the RF energy deep into the dermis while only a small percentage of the surface is affected, resulting in deep volumetric dermal heating and ultimate result.



## Non-laser therapy, suitable for all skin type

It is a thermal therapy rather than laser therapy, which is not sensitive about skin color. Suitable for all skin types. Low chance of hyper pigmentation risk.



## Low complication risk, minimal downtime

It is a safe treatment with low complication risk. Cosmetics and make-up are available after treatment and disturbance on daily life is minimal.

## Clinical proven result, visible improvement

Patients are highly satisfied with the treatment results. Obvious improvement can be obtained after each session. Doctors can utilize it for multiple applications on both face and body.

## Applications

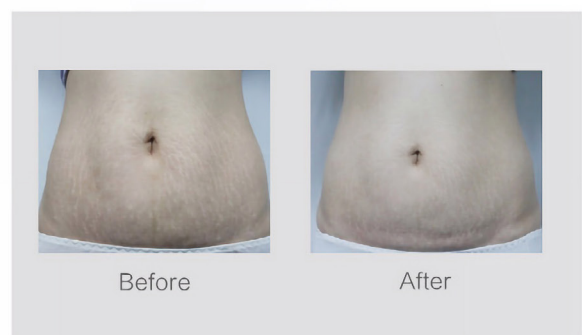
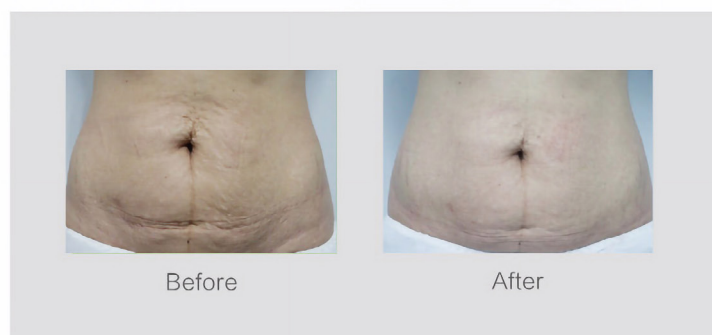
### For Face:

- ◆ Scars & acne scar
- ◆ Skin texture improve
- ◆ Pores reduction
- ◆ Wrinkle reduction
- ◆ Skin tightening

### For Body:

- ◆ Body tightening
- ◆ Stretch mark treatment

## Before & After






# Technical Specification

Micro-needle fractional RF	
Frequency	1.15MHz
Max output power	26.5W
Pulse duration	10-400ms
Pulse interval	0ms, 200ms, 400ms, 600ms, 800ms
Tip pin	49 pin (8*8mm) 16 pin (4*4mm )
Control depth	Max 3.5mm
Needle-free fractional RF	
Frequency	1.15MHz
Tip size	21mm*21mm
Tip pin	64 pin
Pulse duration	30-150ms
Energy density	11 mj/pin-142 mj/pin

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