



# Secret DUO

Fractional 1540nm Er:GLASS Laser  
*plus* Microneedle RF

# Secret DUO

## THE ULTIMATE MULTIPLATFORM SYSTEM FOR NON-ABLATIVE SKIN REMODELING

SECRET DUO offers dual non-ablative fractional technologies of micro-needle RF and 1540nm erbium glass laser in a single device as a total solution of aesthetic treatment. These two technologies can work individually or in combination treatment to give the optimal treatment flexibility to all patients. This new combined non-ablative fractional resurfacing technique makes it a much gentler process with significantly reduced downtime and recovery time comparing to the conventional ablative fractional laser.

## INDICATIONS

### 1540nm fractional laser

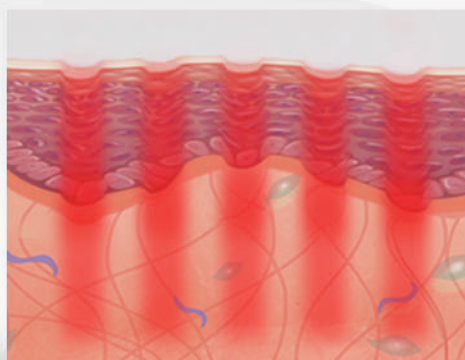
- Non-Ablative Skin Resurfacing
- Active Acne
- Atrophic Scar
- Acne Scars
- Wrinkle Reduction
- Skin Lifting & Tightening
- Tone & Texture Improvement

### RF micro-needle fractional

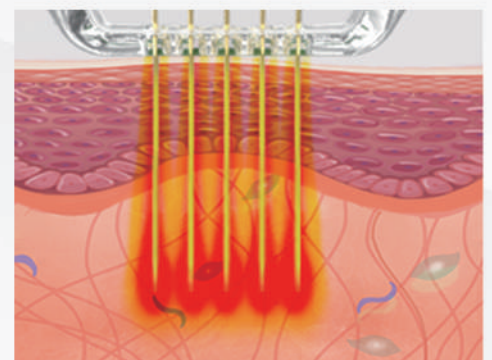
- Non-surgical Face Lifting
- Skin Tightening
- Wrinkle Reduction
- Pore Reduction
- Acne Scars
- Scars
- Spider Veins
- Stretch Marks

## Benefits and Advantages of Secret DUO

SECRET DUO provides a novel treatment combination that delivers more effective and more efficient clinical results with virtually no downtime and very minimal side effects. With SECRET DUO, your patients will experience continuous improvements for the following 6-months after the last treatment is done, with higher satisfaction and without disrupting daily activities. Your patients' skin will have better texture, smoother, tighter and firmer skin within 1-month after treatment and ultimately a healthier, younger and fresher looking skin. SECRET DUO also allows you to treat a wider array of skin disorders effectively without complications. Thus, increasing your potential income and delivering higher ROI like never before.



■ Er:glass non-ablative Fractional Resurfacing



■ RF Micro-needle Fractional Resurfacing

# 1540nm ERBIUM GLASS FRACTIONAL LASER

The non-ablative fractional laser beams are delivered as multiple columns in the dermis and primarily targeted to dermal water, which will induce collagen heating and dermal remodeling with no ablative effect on the epidermal layer. This gentle resurfacing process allows faster recovery and lower incident of postoperative side effects comparing with ablative lasers.



Optional 600um Lens permits a much gentler resurfacing process with virtually no side effect and quick recovery time.



**Standard  
300um Lens**

**Optional  
600um Lens**

# MICRO-NEEDLE FRACTIONAL RF

Advanced micro-needling bipolar RF technology delivers precisely controlled RF energy to selectively adjusted depths (0.5mm to 3.5mm) via its finest medical grade needle head to increase treatment efficacy for photo-aging and scars on the face and body.



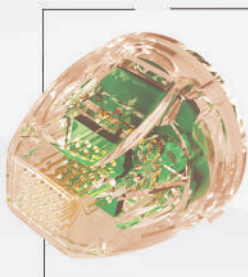
- Dimension ; 213 \* Ø40(mm)
- Weight ; 500g

## MTR-AC-C-64

64pin semi-insulated micro-needle cartridges  
Treatment Area ; 15\*15(mm)  
Max Output ; 70watt  
Main Usage ; Required for higher thermal effect at dermis/subcutaneous tissues

## MTR-AC-25

25pin non-insulated micro-needle cartridges  
Treatment Area ; 10\*10(mm)  
Max Output ; 25watt  
Main Usage ; mostly main indication



## MTR-AC-C-25

25pin semi-insulated micro-needle cartridges  
Treatment Area ; 10\*10(mm)  
Max Output ; 25watt  
Main usage ; Required for higher thermal effect at dermis subcutaneous tissues



## MTR-AC-10

10 pin non-insulated micro-needle cartridges  
Treatment Area ; 16(mm)  
Max Output ; 25watt  
Main usage ; stretch mark, naso labial folds, crow's feet

# TECHNOLOGY HIGHLIGHT

## 5 different scan patterns for more treatment options

Scan size: 1x1 ~ 10x10mm  
Dot distance: 0.1 ~ 2.0mm



Circle



Half Circle L



Half Circle R



Square



Triangle

## Quick & Easy Operation

Scanning technology makes it possible to provide fast treatment covering various treatment areas with its easy adjustable scanning size from 1 by 1mm to 10 by 10mm. Also, its fully customizable patterns permit more treatment options depending on the shapes of indications.

## Less Downtime and Effective Treatment

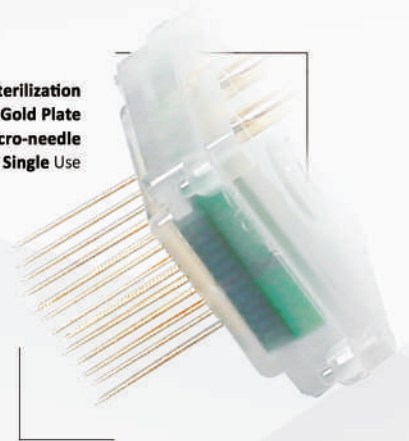
Multi-Sub-pulses allow deeper penetration with less heat dissipation and less thermal damage in the surrounding tissue for better healing process without unnecessary damage to the epidermal layer.



## Minimal Discomfort and Uniform Thermolysis

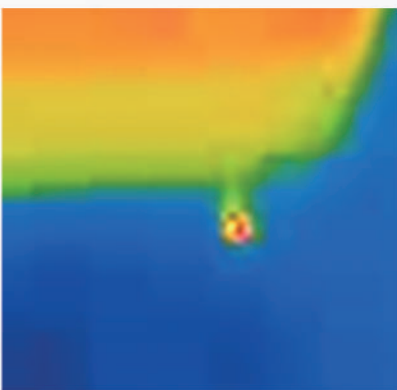
Its finest medical grade needles show the highest smooth surface quality and durability that allows uniform energy delivery under even coverage of the target areas avoiding any unwanted damage on surrounding tissue as well as uneven coagulation.

- Medical Grade **Sterilization**
- **Gold Plate**
- **Durable 32gauge micro-needle**
- **Single Use**



## Reliable and Effective Result

Secret RF is outstanding for its ability to deliver the most precise thermal effect to the correct depth of skin within minimal downtime. Furthermore, its non-insulated fine needles create the greater sub and deep dermal remodeling while stimulating 2 layers at the same time.



No epidermal burn – **only Thermal Effect**

Optional

# SmartCure™

## SINGLE THERMO-COAGULATION TECHNOLOGY



SmartCure™ smart electro pen permits various thermo-coagulation techniques combining with single electrolysis needle and various nokor needles to treat a larger range of applications from thread veins, acne, wrinkles to depressed scars.



### K3i

Insulated single electrolysis needle (0.075mm), K3i can treat undesirable thread and spider veins by delivering the heating only to the target vein without risks of damage in the epidermis and surrounding tissue.

Ø 0.075(mm) insulated needle  
for thread veins



### AC-01

AC-01, insulated single needle will smoothly penetrate in the skin and generate the heating stimulation into the fibroblasts in order to improve wrinkles and skin texture by collagen regeneration and rearrangement.

1.5mm insulated needle  
for acne



### 27G

Subcision technique combined with RF energy provides significant long-term improvement in scars by inserting a needle under the skin that is parallel to the skin surface and moving gently forth and back between the dermis and subcutaneous tissue.

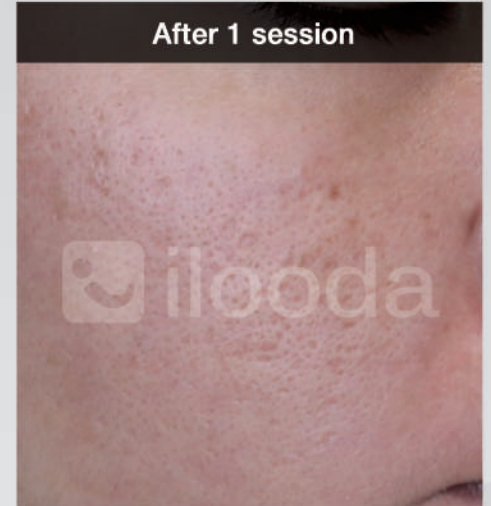
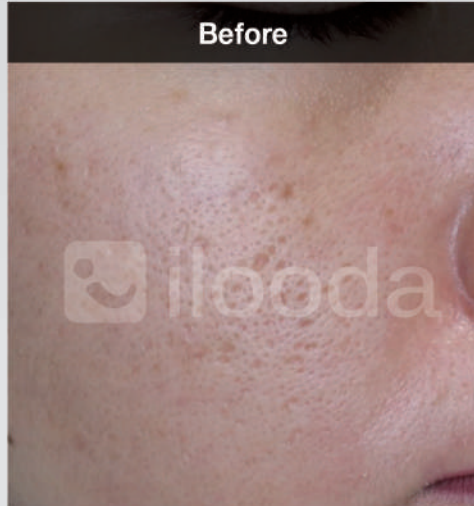
insulated subcision needle  
for depressed scars



# CLINICAL EVALUATION

## Secret DUO 1540nm Single Application

Fluence: 13mJ  
Distance: 0.8mm  
Scan Mode: Scatter  
Pattern: Circle  
Others: 4 passes, no topical agent  
Indiation: Acne Scars



## SPECIFICATION

	Electrical Power	100 - 240 VAC, 50/60 Hz
1540 Laser	Wavelength	1540nm $\pm$ 10%
	Laser Power	Max 12W $\pm$ 20%
	Pulse Duration	700 $\mu$ s ~ 5000 $\mu$ s
	Energy	8.4mJ ~ 60.0mJ
	Distance	0.1mm ~ 2.0mm
	i-Stack	1st~ 10th
	MODE	Single, 0.2, 0.5, 0.7, 1.0, 1.5, 2.0s
	Treatment size	Max 10mm X 10mm
RF	Output Power	Max 25W $\pm$ 10% (with 25pin) Max 70W $\pm$ 10% (with 64pin)
	Frequency	2MHz $\pm$ 10%
	RF Output Time	50ms ~ 950ms
	Delay time	100ms ~ 1000ms
	Depth	0.5mm ~ 3.5mm (0.1 step)
	Mode(Repeat Time)	Single, 0.2s, 0.5s, 0.8s, 1s, 2s (Repeat time)
	Intensity(%)	0 ~ 100(%) (10 step)
	Electrode	Micro Needle electrode