

High Power CO₂ Laser plus Micro-needle Fractional RF

FRA_{XIS}™ DUO

FRA_{XIS} DUO is a combining CO₂ laser and micro-needle fractional RF technology for optimal result of scars and photo-aging. CO₂ fractional is enabling intense superficial stimulation and micro-needle fractional RF provides higher volumetric heating and deeper heat diffusion. Such complementary effects could encourage physicians to combine two technologies for an effective treatment for various indications.

INDICATIONS

Face

- Tone & Texture
- Pore Reduction
- Wrinkle reduction
- Skin lifting & tightening
- Acne Scar
- Whitening
- Resurfacing

Body

- Scars
- Stretch mark
- Hyperhidrosis
- Keratosis Pilaris



FRA~~X~~IS^{DUO}™

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Multiple applications, combination therapy

The benefits of combining a CO₂ laser with micro-needle RF fractional permit the treatment of all skin types and provide multi-treatment opportunities with deep and superficial stimulation to treat a larger range of applications, increasing the effectiveness of the treatment and reducing side effects.

Maximum efficacy and safety

With dual energies and various modes, it enables physicians to easily select the most effective mode and energy depending on a variety of conditions on all skin types in order to deliver the energy to the target skin layers without damage of the surrounding tissue for patient comfort and safety.

Cost effective and versatile

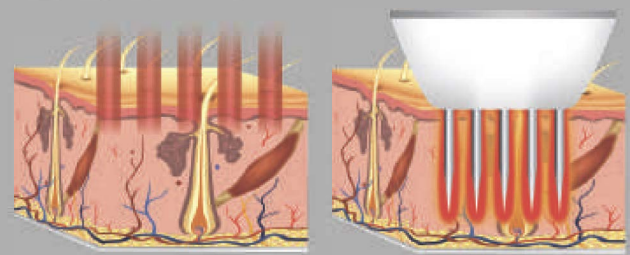
FRA~~X~~IS DUO is 2 in one system that combines both CO₂ laser and micro-needle RF for maximum treatment flexibility from photo-aging and scars to striae distensae. Such a dual multi-functional system makes it easy to expand patient services without the need to purchase additional equipment.

Smart and easy to use

User friendly designed 10.4" full color touchscreen helps physicians easily choose the optimal parameter and an weight type articulated arm provides accurate movement in any position to easily place the beam centering and minimize physician fatigue.

Combination therapy for optimal treatment result

Combining 2 techniques optimize the result for certain indications that requires both superficial and deeper heating coagulation.



CO₂ laser mode

Micro-needle RF mode

Optional Smart Surgical Hand PC.

Adjustable multiple spot sizes enable physicians to easily treat superficial lesions (Seborrheic keratosis, lentigines ...) or more accurate treatment on wart.



SPECIFICATION

CO₂ Fractional Laser System

Wave length	10,600nm (TEM00)
Laser power	Up to 30W (Up to 175mJ)
Pulse duration	20-5,000us
Overlap	1 - 10th
Pixel size	≥100 micron
Distance	0.1 - 2.0mm
Treatment area	1x1 - 20x20mm
Pixel quantity	Up to 40,401
Repetition	0.2 - 2Sec / Single
Surgical	0.2, 0.3, 0.5, 0.7.

Micro-needle Fractional RF System

RF Frequency	2MHz ±10%
RF Power	Up to 25W ±10%
Treatment duration (RF Emission)	50ms ~ 950ms
Intensity	0 - 100 Level (2/5/10 Step)
Needle thickness	0.25mm
Needle figure	25 electrode needle (5x5) 10 electrode needle (1x10) (Option)
Treatment area	25Pin (8.05 x 8.05mm) / 10Pin (0.25 x 16mm)
Adjustable depth	0.5 ~ 3.5mm(0.1 step)
Repetition	0.2 / 0.5 / 1 / 2 Sec / Single