



**FRA<sub>XIS</sub>**  
CO<sub>2</sub> Fractional Laser

**FRA<sub>XIS</sub><sup>DUO</sup>**  
CO<sub>2</sub> Fractional Laser  
*plus* RF Micro-needling

## MULTI-APPLICATION WORKSTATION

# FRA<sup>XIS</sup> DUO™

## THE FIRST MULTI-APPLICATION WORKSTATION ;

The ideal combination of CO<sub>2</sub> laser and micro-needle fractional RF technology makes FRAXIS DUO perfect for multi-application opportunities to treat a larger range of aesthetic treatment of face and body increasing the effectiveness of the treatment and reducing side effects. It is also easily upgradable for the wide range of clinical indication with its optional surgical and gynecological applicators.

## INDICATIONS

### FRAXIS DUO™

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

### Smart Surgi™

- Lentigo
- Wart
- Freckles
- Small mole
- Blemishes

### GynoLaser

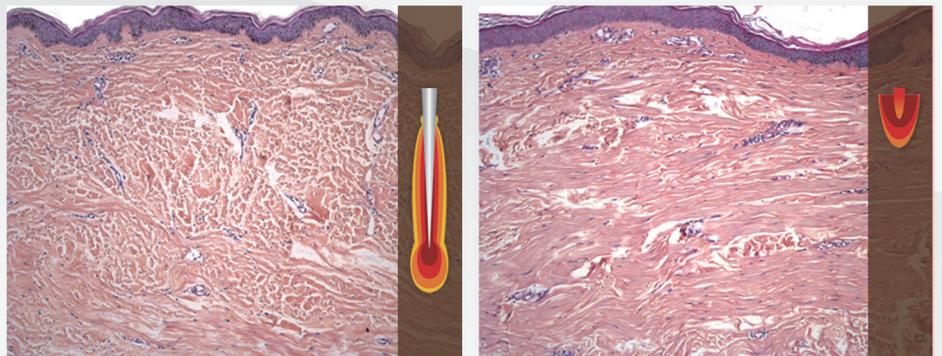
- Vaginal tightening
- Urinary Incontinence



## Benefits of CO<sub>2</sub> Fractional Laser Plus Micro-needle Fractional RF Technology

CO<sub>2</sub> fractional laser enables intense superficial stimulation and micro-needle fractional RF provides higher volumetric heating and deeper heat diffusion. The dual energies and various modes enable practitioners to easily select the most effective treatment depending on the indications and to achieve superior results in scars and wrinkles through a single or combined treatments.

### The histopathologic study courtesy of Michael Naouri MD



6 months after treatment, pathologic examination showed dermal remodeling (collagen and elastin with orcein staining) of the full dermis with microneedle radiofrequency whereas CO<sub>2</sub> laser remodeling was only superficial.

## CO<sub>2</sub> FRACTIONAL LASER

True 30 watt based high powered CO<sub>2</sub> fractional laser scanner delivers uniform and stable beam quality in short pulse duration and its superior ablative thermal effect induces resurfacing of the epidermis and regeneration of the dermis. Furthermore, its optimum beam size of 100 micrometers minimizes downtime and the risk of PIH for optimal treatment result.



### 6 different scan patterns for more treatment options

Scan size: 1x1 ~ 20x20mm  
Dot distance: 0.1 ~ 2.0mm



Circle



Square



Half Circle



Ellipse

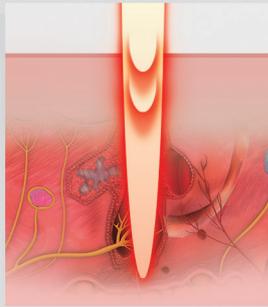
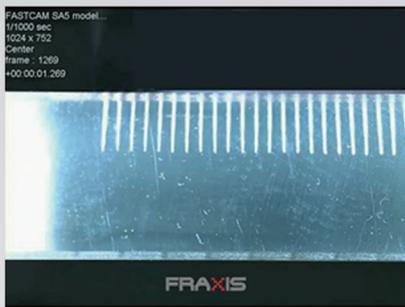


Rectangular



Triangle

### CO<sub>2</sub> LASER BEAM PROFILE



### "i-stack" function

Make it possible to deliver the deepest fractional ablative effect with lower energy via repetition stacking function (called "i-stack") by minimizing damage to the surrounding tissues mainly used for deep acne scar, burn scar and various depressed scars. It allows the practitioners to offer optimal treatment to the indication and patient's tolerance of downtime.

## 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. Also, its stepping motor based handpiece offers smooth needle delivery capability with its extremely light weight that enables comfort treatment for both practitioners and patients.



- Dimension ; 140 \* Ø40(mm)
- Weight ; 205g

### MTR-AC-25

25pin non-insulated micro-needle cartridges

Treatment Area ; 10\*10(mm)

Max Output ; 25watt

Main usage ; mostly main indication



### MTR-AC-C25

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

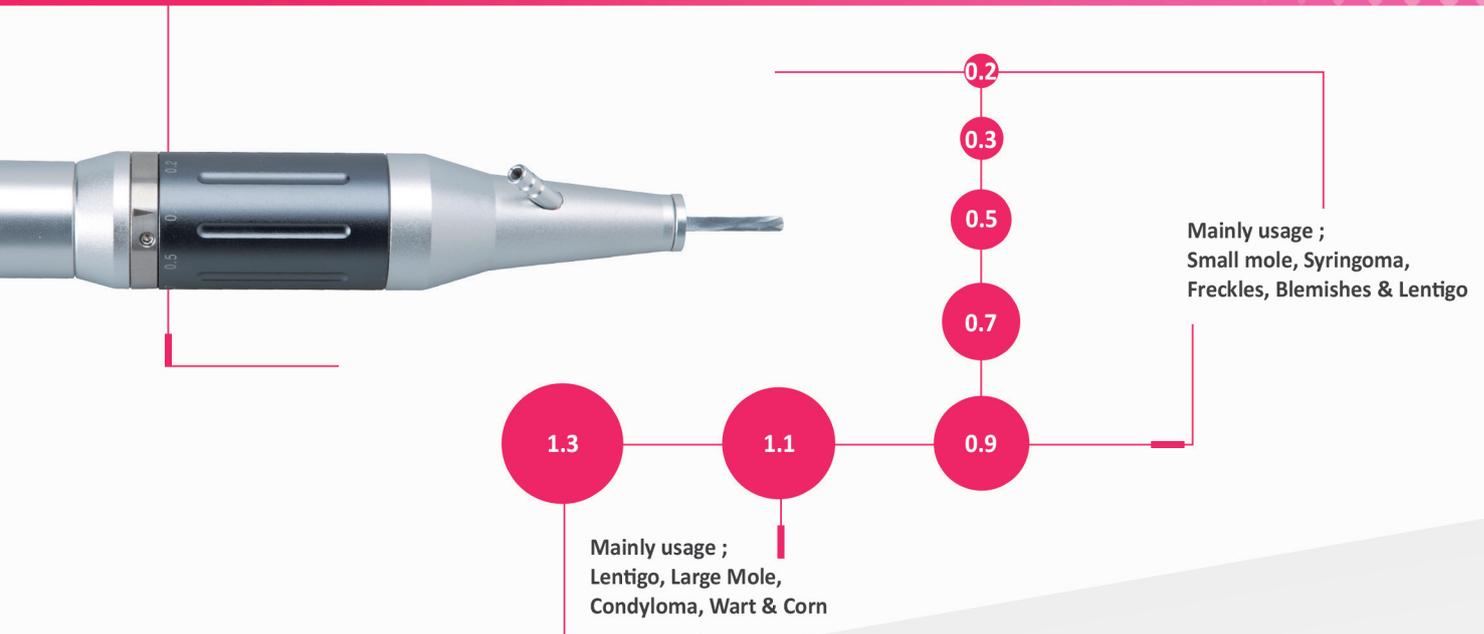
Treatment Area ; 0.25\*18(mm)

Max Output ; 25watt

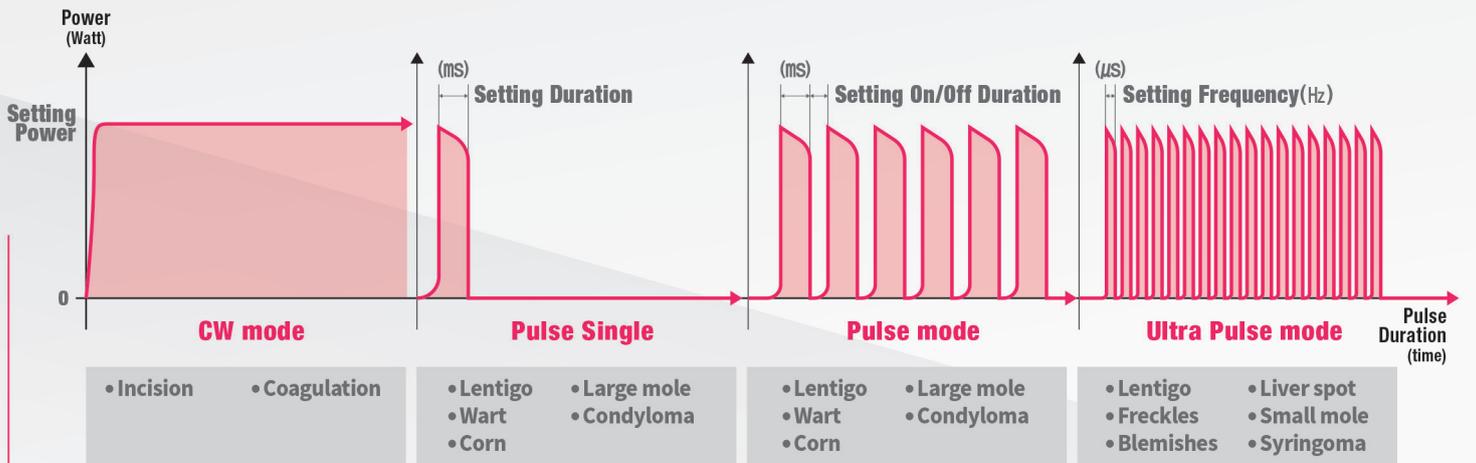
Main usage ;  
stretch mark, naso labial folds, crow's feet

# Smart Surgi™

The smart surgical handpiece with adjustable multiple spot sizes from 0.2mm to 1.3mm enables fast, clean and precise incisions & tissue coagulation to effectively treat superficial lesions (kératose séborrhéiques, lentigines...) or more accurate treatment on wart.



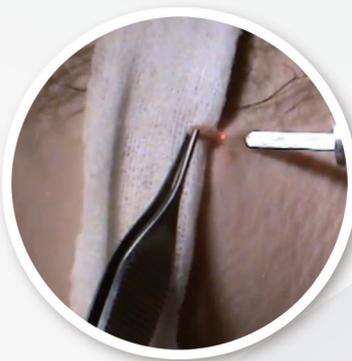
## PULSE TYPE



## CLINICAL PROCEDURE Courtesy of Dr. Zdenko Zamboj



Xanthelasma



Fibroma in Armpit



Finger Wart

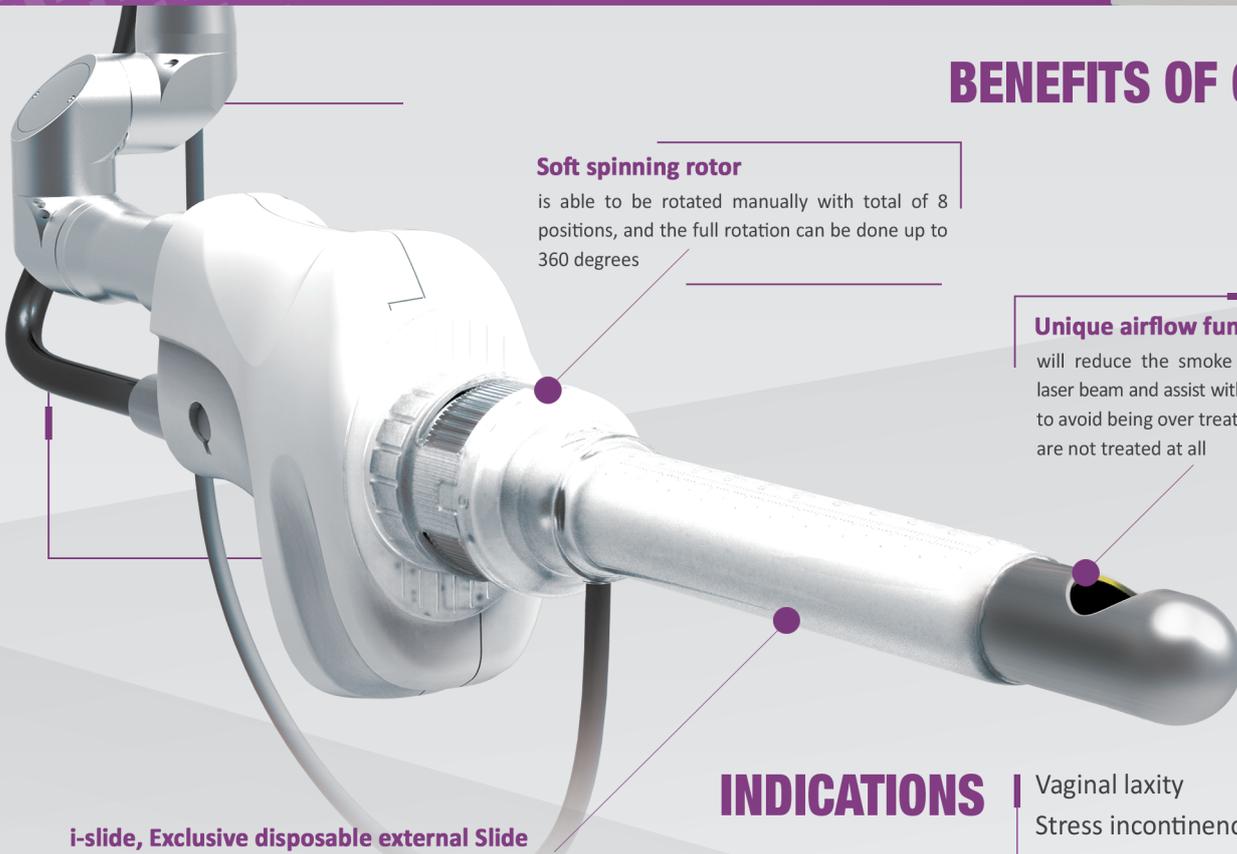


Foot Wart

# GYNOLASER™

## VAGINAL REJUVENATION FOR ULTIMATE COMFORT AND CONFIDENCE

GynoLaser CO<sub>2</sub> fractional laser offers a fast, safe and highly effective minimal invasive procedure for the board variety of female disorders. GynoLaser has a 90° reflecting mirror, which provides vertical delivery of the CO<sub>2</sub> laser beam (8 x 8mm) onto the wall of the vagina for remodeling of vaginal connective tissue with neoformation of collagen and elastic fibers, without causing any damage to surrounding tissue.



### Soft spinning rotor

is able to be rotated manually with total of 8 positions, and the full rotation can be done up to 360 degrees

### Unique airflow function

will reduce the smoke interference to the laser beam and assist with turning the handset to avoid being over treated while other areas are not treated at all

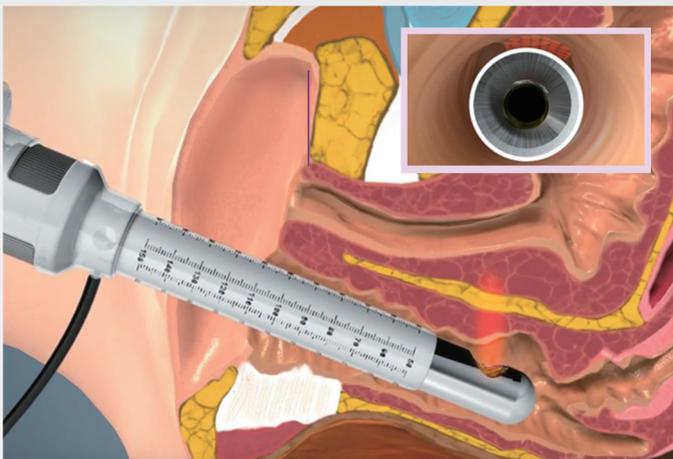
### i-slide, Exclusive disposable external Slide

can prevent the entire probe from sticking to the internal tissues while the probe is spinning in 90 degrees of angle for the treatment

## INDICATIONS

- Vaginal laxity
- Stress incontinence
- Vaginal itchiness & burning
- Dryness and loss of lubrication
- Vaginal and vulvar pain or discomfort
- Diminished sensation during intercourse

## GYNOLASER TREATMENT PROCEDURE FOR VAGINAL REJUVENATION/STRESS INCONTINENCE



### Petr Pícha, M.D.

Centre for Plastic gynecology  
GynCentrum Prague

“In terms of comfort and safety, the FRAXIS CO<sub>2</sub> laser is suited for treating various benign indications, as well as aesthetic indications. Fraxis CO<sub>2</sub> laser with the GynoLaser applicator is a versatile tool, which can be used in the pulse or fractional mode, and which is reliable and very useful tool for obstetrics and gynecology aesthetics.”

# CLINICAL EVALUATION

**Michael Naouri, M.D.** Acne Scars and large pores



**Jae-We Cho, M.D.** Burn Scars



## GLOBAL KOL

“FRAXIS CO<sub>2</sub> laser is a benchmark in terms of comfort and predictability for treatment of various benign indications as well as profitability in aesthetic indications. The advantages of the FRAXIS CO<sub>2</sub> laser is its reliability of use, robustness, and power related to its RF emission tube.”

**Michael Naouri, M.D.**  
Dermatology and Laser Center  
International Laser Skin Center  
Nogent sur Marne and Paris, France

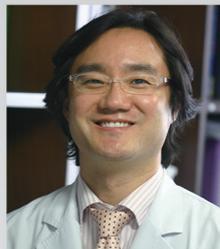
“I have found the Fraxis very useful and essential for my clinic, and it has given a big boost to my practice. I would strongly recommend this device to all my colleagues.”

**Shahid Javaid Akhtar, M.D.**  
Professor  
Head of the Department of Dematology  
Punjab Medical College Faisalabad, Pakistan

## FRA<sup>XIS</sup>



## FRA<sup>XIS</sup> DUO



“Fractional microneedle radiofrequency, SECRET RF could be an effective treatment for striae distensae, and its combination treatment with fractional CO<sub>2</sub> laser, Fraxis could be a better choice without significant adverse effects.”

**Jae-We Cho, M.D., Ph.D.**  
Department of Dermatology  
Keimyung University School of Medicine  
Korea

“FRAXIS DUO is the multiplatform laser with short downtime. I usually use the combination treatment of RF fractional and CO<sub>2</sub> fractional for rejuvenation and acne scar suitable for skin type 4 or 5 and minimal erythema post laser.”

**Rulita Irawan M.D.**  
Younger Looks Aesthetic and Antiaging Clinic  
Tangerang, Indonesia