



FRA_XIS
CO₂ Fractional Laser

FRA_XIS^{DUO}
CO₂ Fractional Laser
plus RF Micro-needling

MULTI-APPLICATION WORKSTATION

FRAxis^{DUO}™

THE FIRST MULTI-APPLICATION WORKSTATION ;

The ideal combination of CO₂ 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

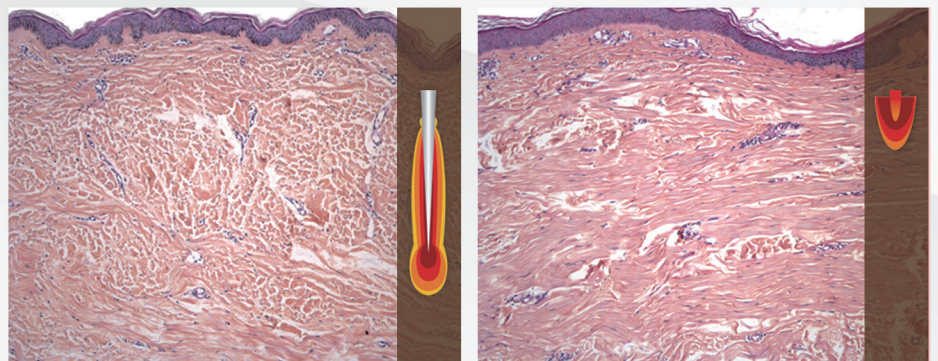
GynoLaser

- Vaginal tightening
- Urinary Incontinence

Benefits of CO₂ Fractional Laser Plus Micro-needle Fractional RF Technology

CO₂ 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.

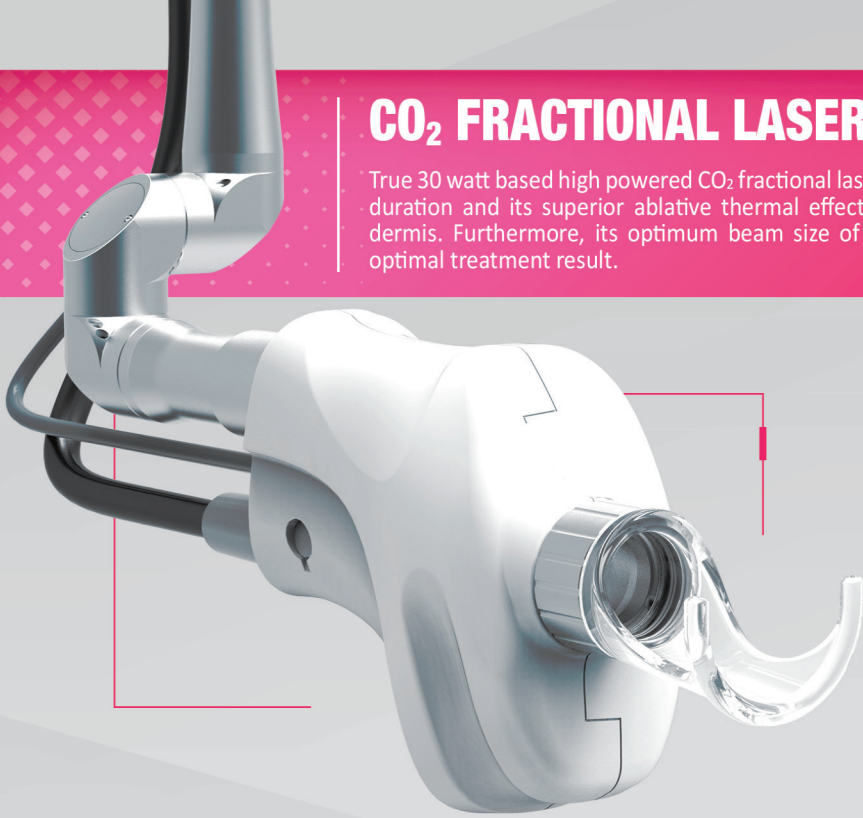
The histopathologic study courtesy of Michael Naouri MD



6 months after treatment, pathologic examination showed dermal remodeling (collagen and elastin with orcein staining) of the full dermis with microneedle radiofrequency whereas CO₂ laser remodeling was only superficial.

CO₂ FRACTIONAL LASER

True 30 watt based high powered CO₂ 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

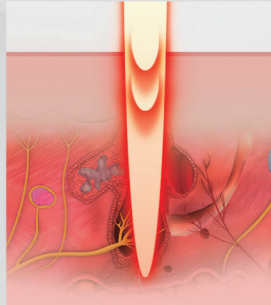


Rectangular



Triangle

CO₂ 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

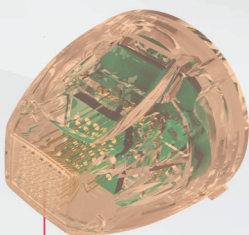
Advanced micro-needling bipolar RF technology delivers precisely controlled RF energy to selectively adjusted depths (0.5mm to 3.5mm) via its finest medical grade needle head to increase treatment efficacy for photo-aging and scars on the face and body. Also, its stepping motor based handpiece offers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

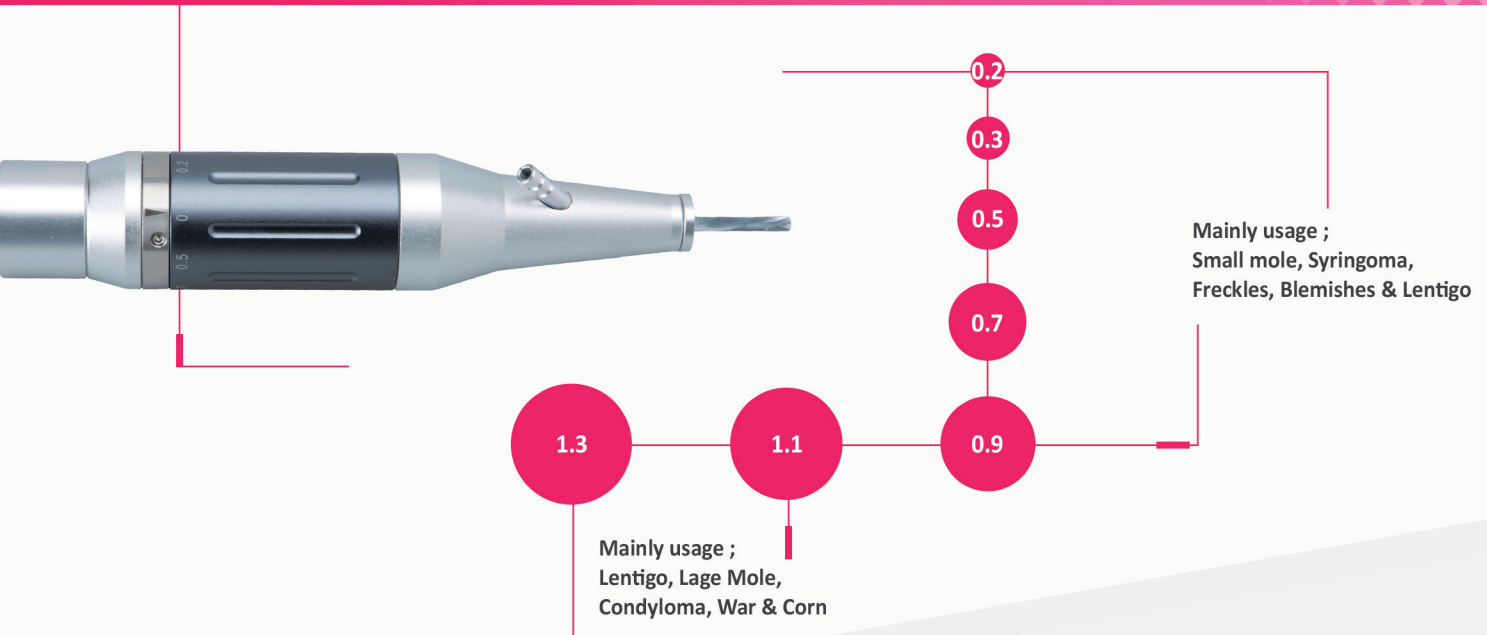


MTR-AC-10

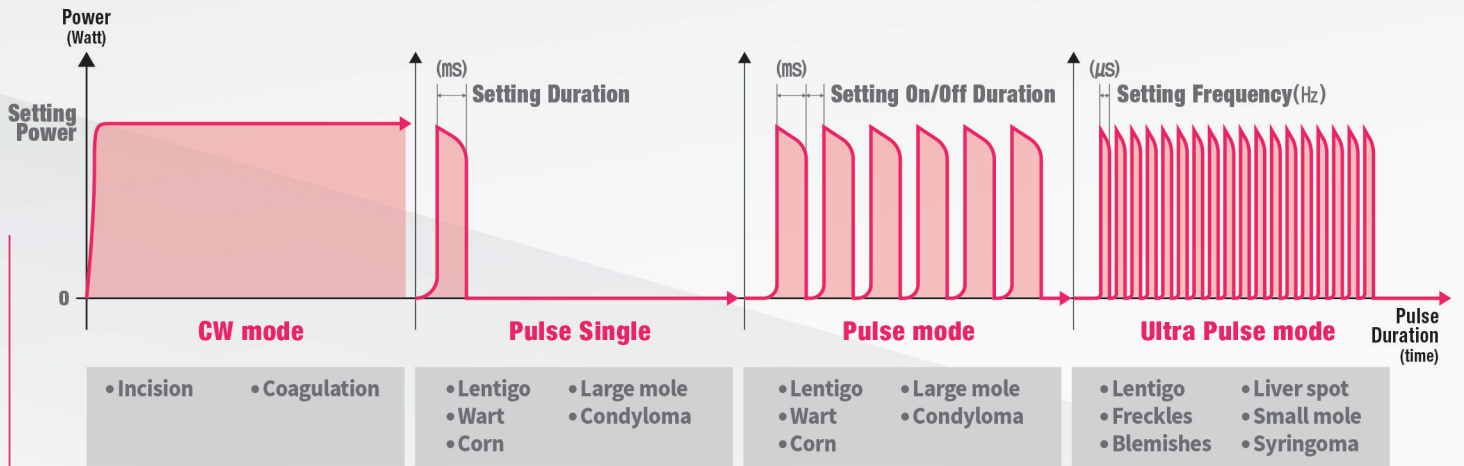
10 pin non-insulated micro-needle cartridges
Treatment Area ; 0.25*18(mm)
Max Output ; 25watt
Main usage ;
stretch mark, naso labial folds, crow's feet

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.



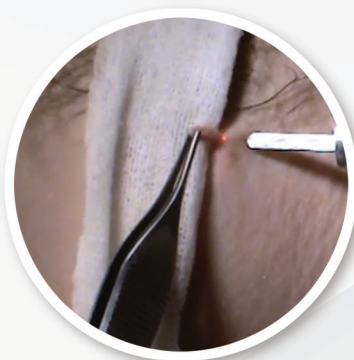
PULSE TYPE



CLINICAL PROCEDURE Courtesy of Dr. Zdenko Zamboj



Xanthelasma



Fibroma in Armpit



Finger Wart



Foot Wart

GYNOLASER™

VAGINAL REJUVENATION FOR ULTIMATE COMFORT AND CONFIDENCE

GynoLaser CO₂ 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 CO₂ laser beam (8 x 8mm) onto the wall of the vagina for remodeling of vaginal connective tissue with neof ormation of collagen and elastic fibers, without causing any damage to surrounding tissue.

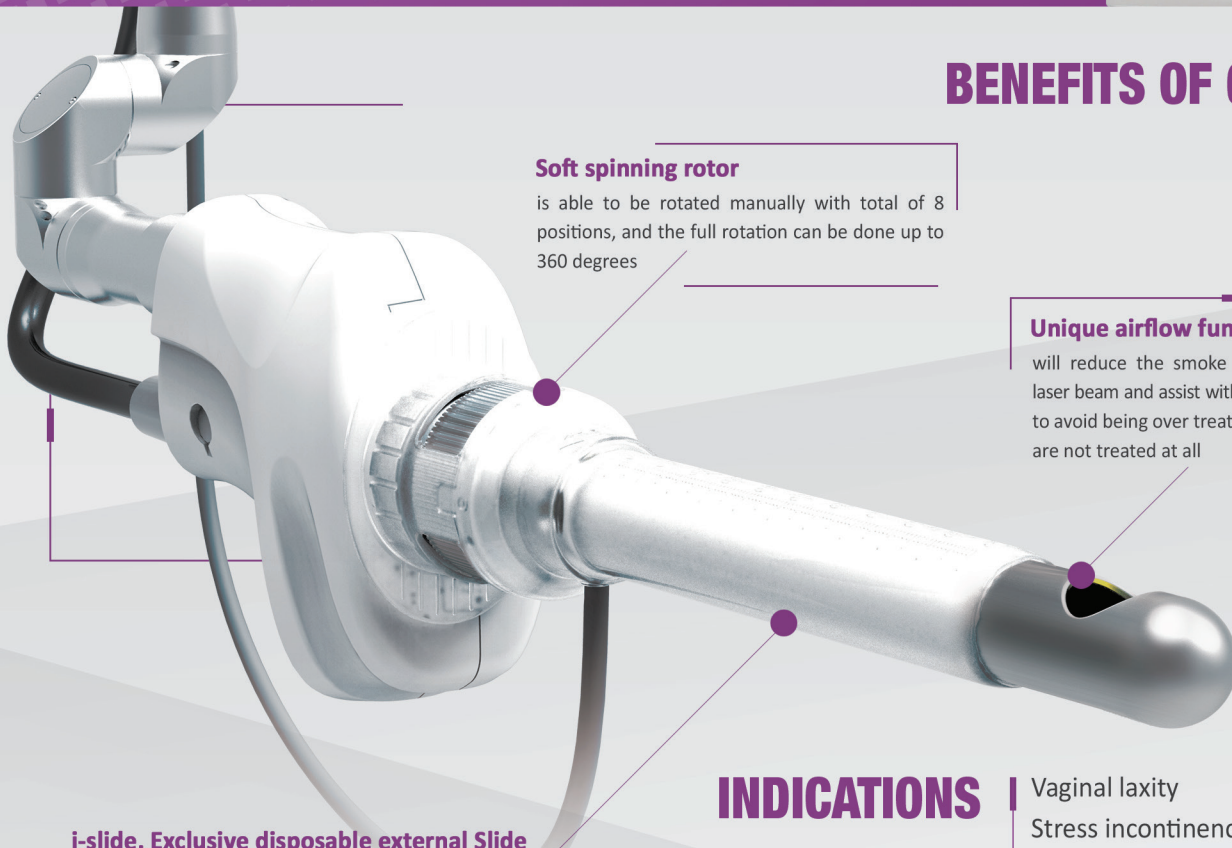


Soft spinning rotor

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



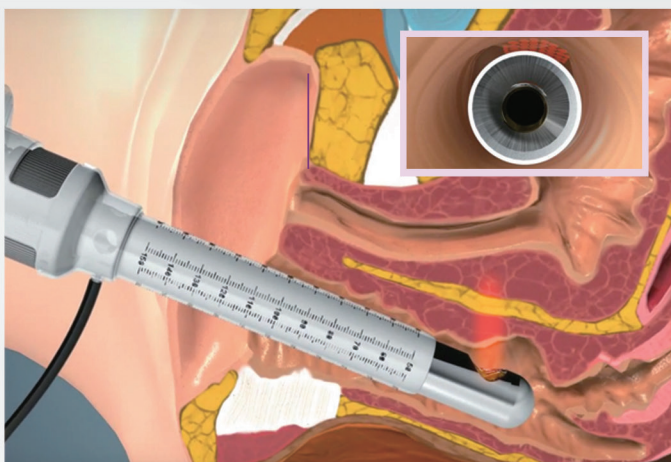
i-slide, Exclusive disposable external Slide

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 CO₂ laser is suited for treating various benign indications, as well as aesthetic indications. Fraxis CO₂ 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.”

BEFORE & AFTER

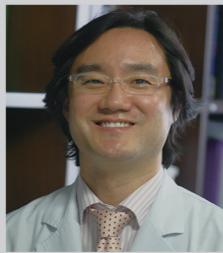
Michael Nauri, M.D. _Acne Scars and large pores



Jae-We Cho, M.D. _Burn Scars



FRAXIS DUO™



“Fractional microneedle radiofrequency, SECRET RF could be an effective treatment for striae distensae, and its combination treatment with fractional CO₂ 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 CO₂ 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

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 handpiece(option)	0.2, 0.3, 0.5, 0.7, 0.9, 1.1, 1.3mm

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
Electrical power	100 ~ 240VAC, 50/60Hz

Skinnovation
We Breathe Skin