

Fractional CO2 Laser

70w High Power

- Skin Resurfacing
- Acne scar removal
- Wrinkle Removal
- Pigmented lesions removal



Why Choose FEMTO-DERMA

01 70w high power

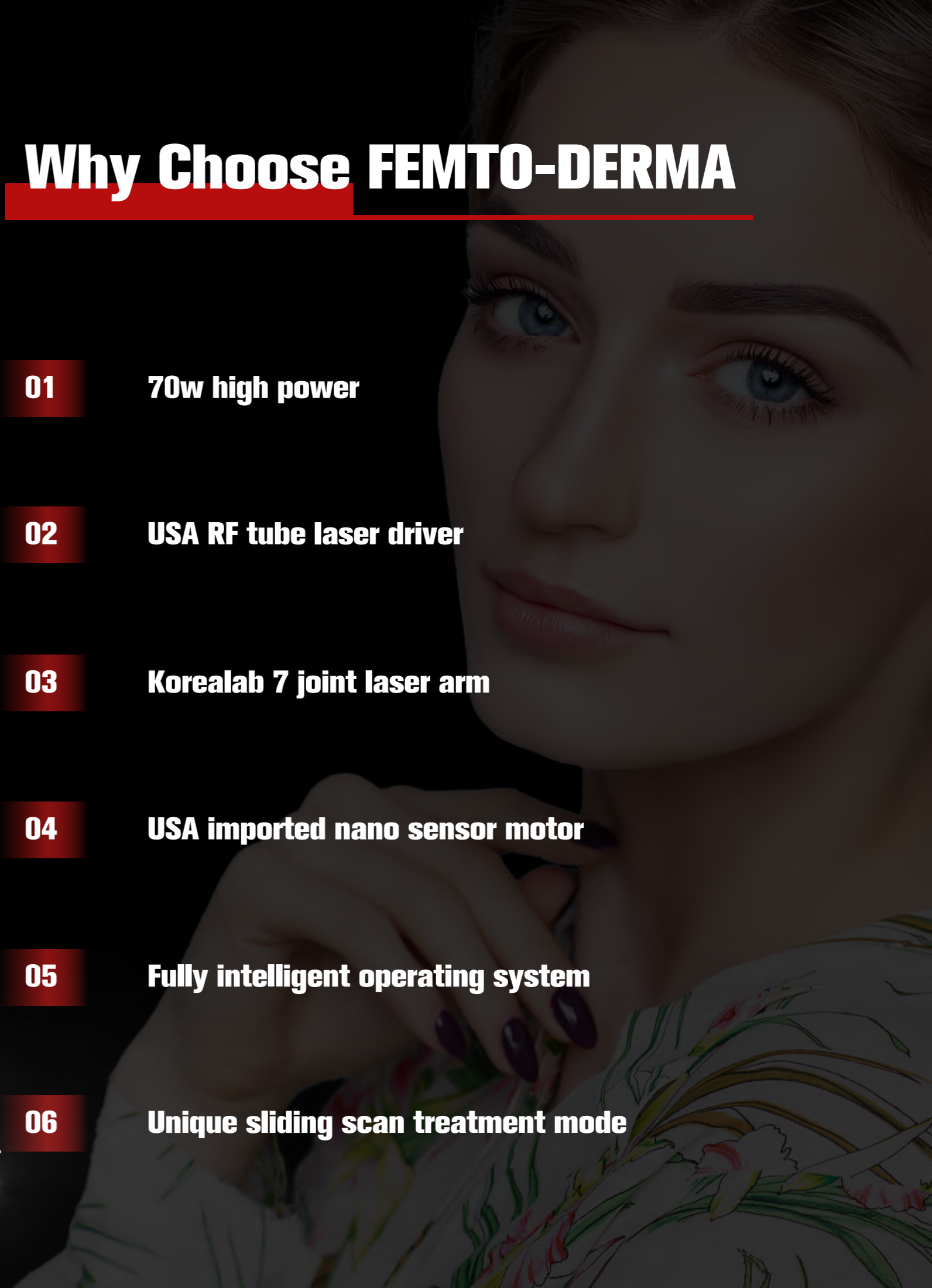
02 USA RF tube laser driver

03 Korealab 7 joint laser arm

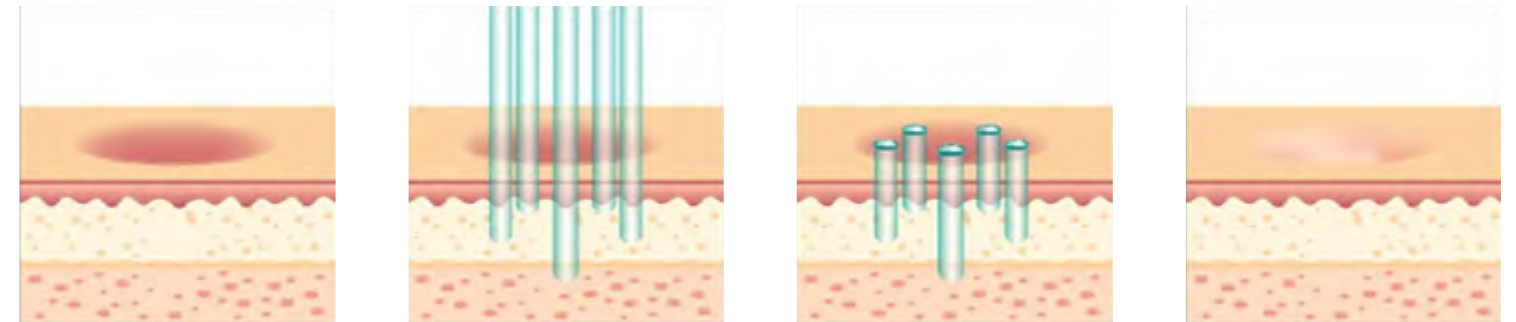
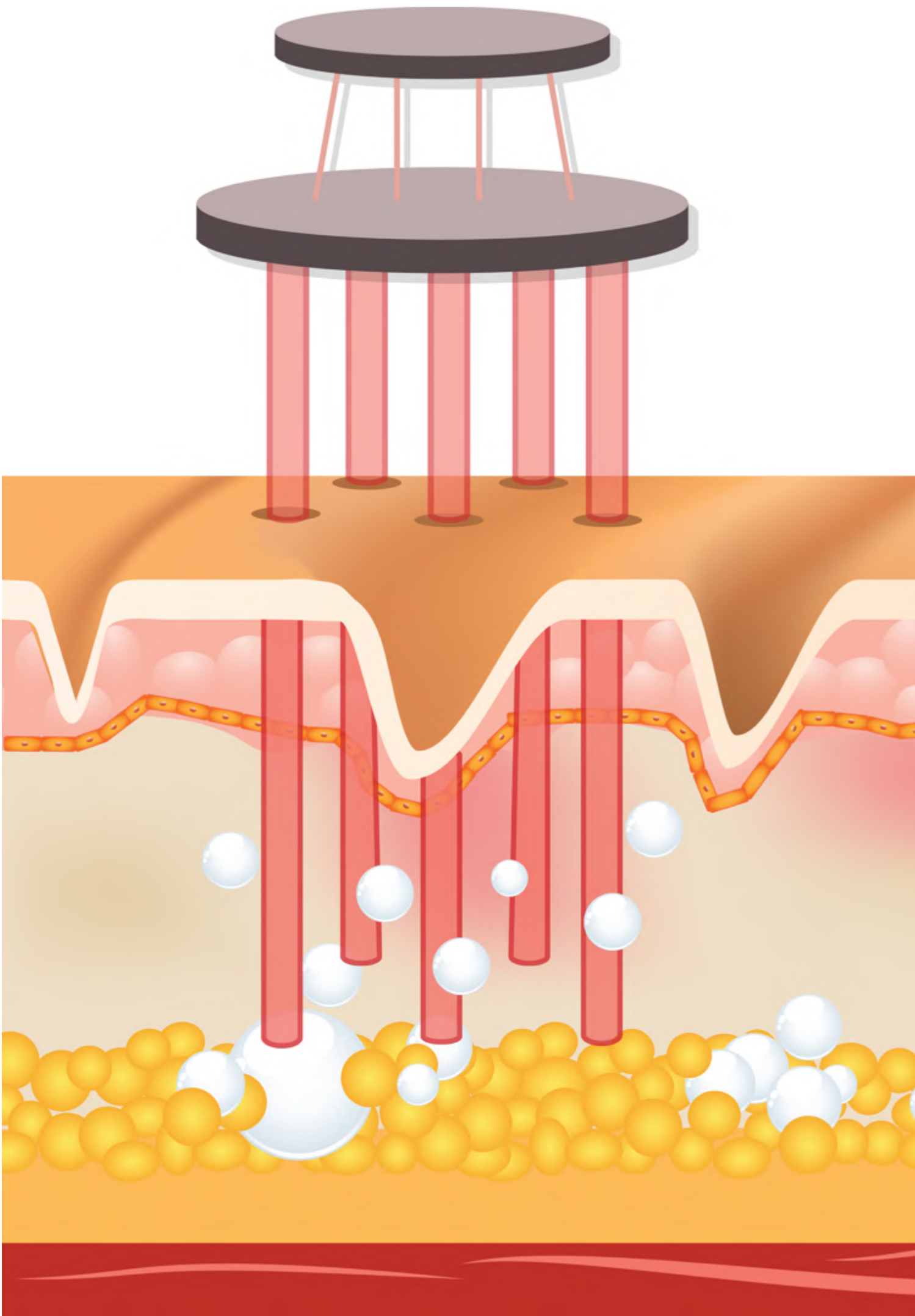
04 USA imported nano sensor motor

05 Fully intelligent operating system

06 Unique sliding scan treatment mode



How Does Fractional Laser Works



The technology utilises laser energy microbeams to penetrate and break down skin tissue through the epidermis.

The laser beam will target into the dermis and create tiny wounds throughout that particular area without damaging the tissues in the surrounding parts

Your body will naturally heal and during the process, creates new, healthy tissue to replace the affected areas that have undergone treatment. Scars should be of a lighter colour and your skin texture will be more even, leaving no visible wounds and allows you to apply make-up immediately following the procedure.

What Does CO2 Fractional Laser Do?

- Reduction of fine lines and wrinkles
- Improved skin texture
- Tightening of facial and neck skin
- Reduction of pore size
- Reduction of unwanted pigmentation
- Reduction of precancerous sun spots (actinic keratosis)
- Improvement in appearance of scars (e.g. acne scarring and stretch marks)



Eye bag removal



Wrinkle removal



Pigment removal



Stretch mark removal



Skin resurfacing



Acne scar removal



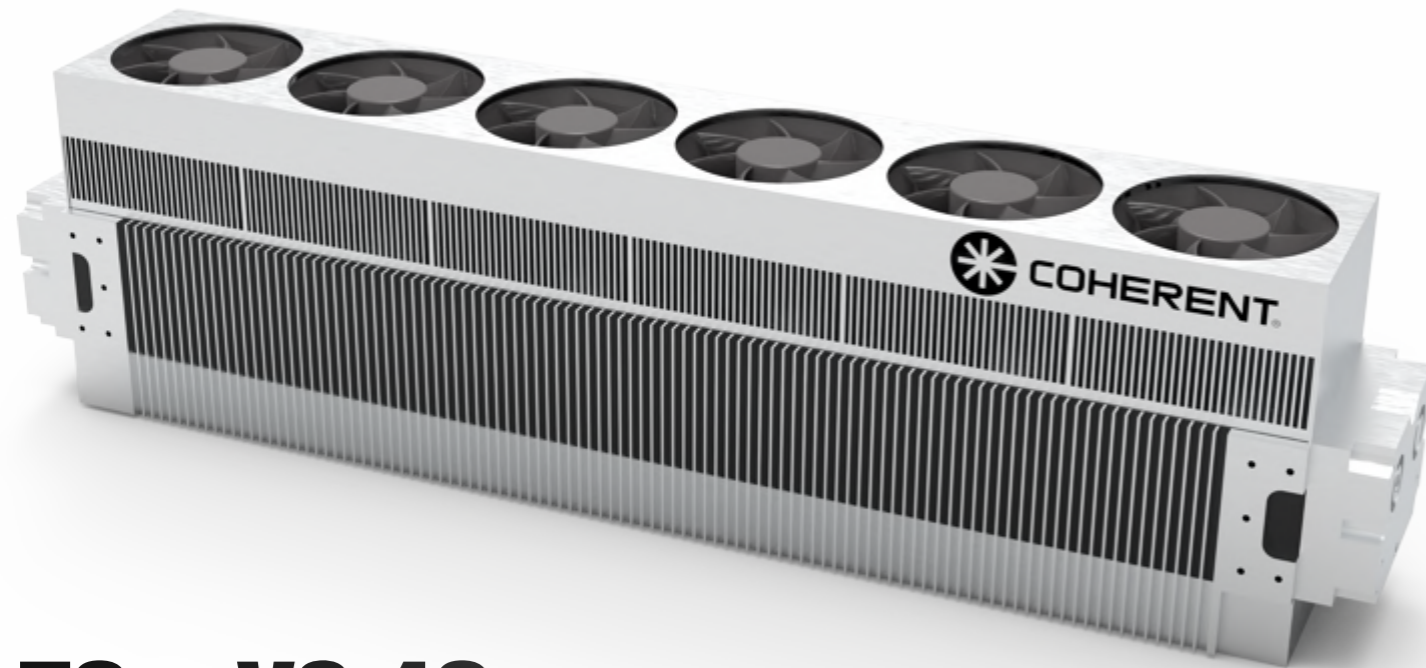
Scar removal







Large pore removal

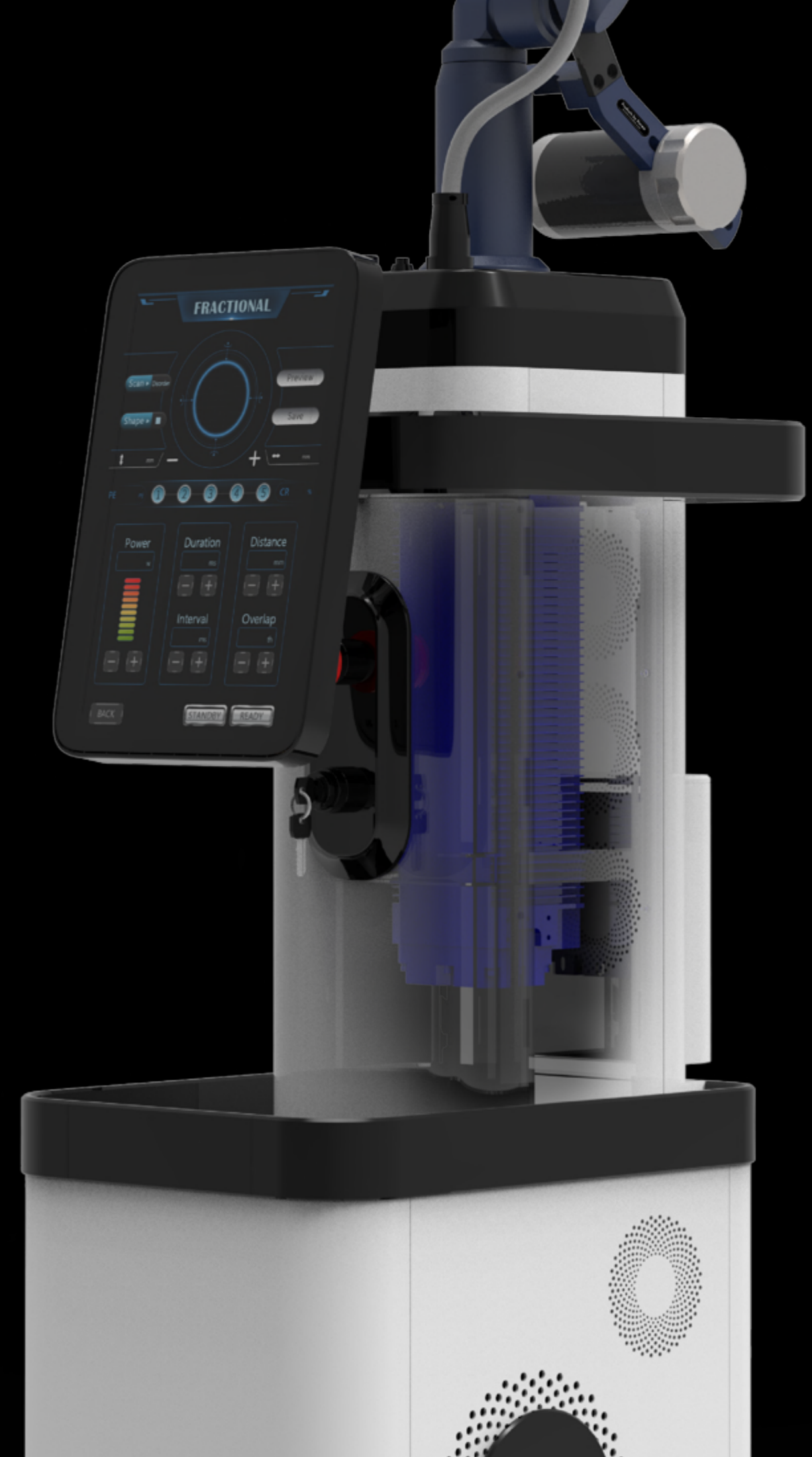
70w High-power Laser Driver

70w high-power RF tube laser driver from Coherent Inc. USA. High power, stable output, long life, 30,000 hours warranty



70w VS 40w

-  **More comfortable**
-  **Lower risk of hyperpigmentation**
-  **Less recovery time**
-  **Longer working life**



Two surgical treatment heads



Two surgical treatment heads with spot sizes of 50mm and 100mm, which are convenient for treatment of different treatment areas.

Nano Sensor Motor

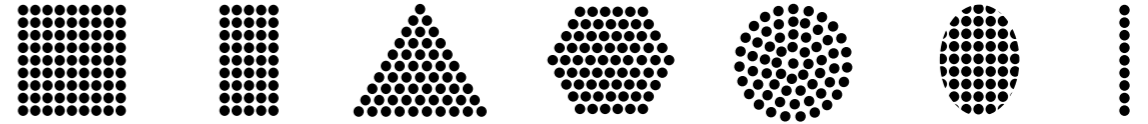


We adopted nano sensor motor from Cambridge Co., USA displaying more than 3000 scanner modes more accurately and faster.



Gold-plated lens and zinc selenide focusing lens greatly increase the power reflection ability, the dots are more fine and uniform, the output is more stable.

Various of shapes



7 Joint Laser Arm

7 joint laser arm from Korealab Inc., South Korea, stable output, small light loss during the output process, and uniform light energy.

Intelligent Operating System



Multimodal operating system

The machine is equipped with 5 operating modes, namely fractional mode , surgery mode,scan-fractional mode gynae mode and vulvace mode, which can meet various treatment needs

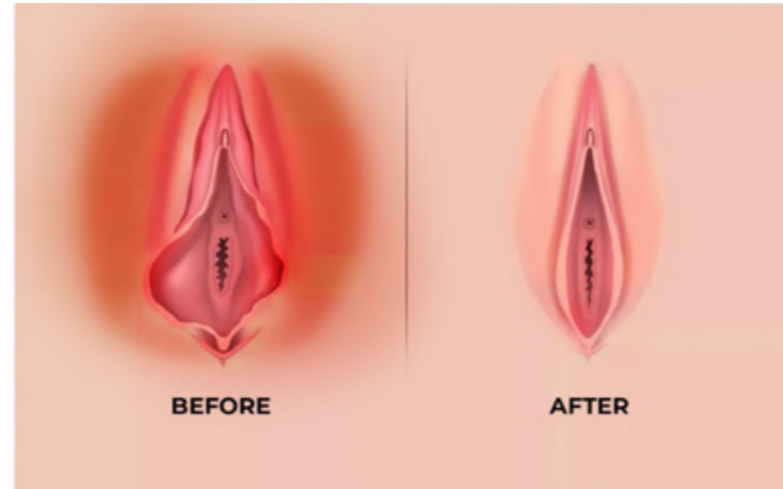
7 common treatment items per-setting

The fractional is equipped with treatment parameters of 7 common treatment items. The operator only needs to select the corresponding treatment item to start the treatment. Even a novice can quickly master the treatment.

Scan-Fractional

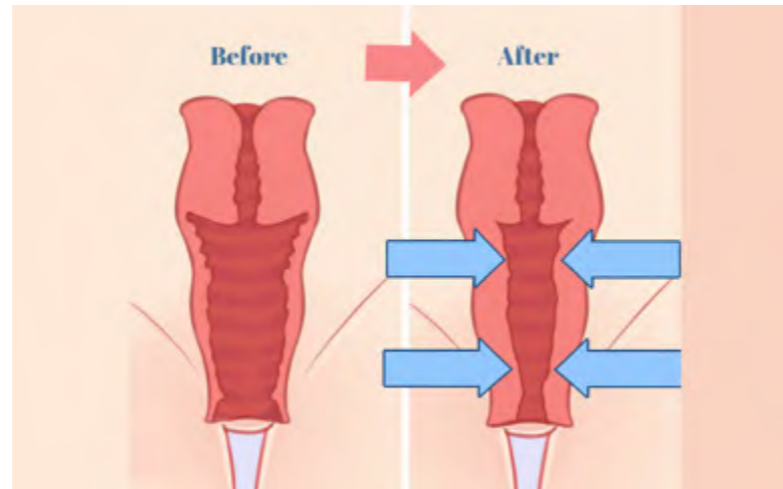
The unique scan-fractional mode adopts in-motion treatment method, which greatly shortens the treatment time of full face resurfacing.

Gynecology Handpieces



Reshaping of the vulva / Postpartum perineal scars / Hypertrophy of the labia majora and clitoris

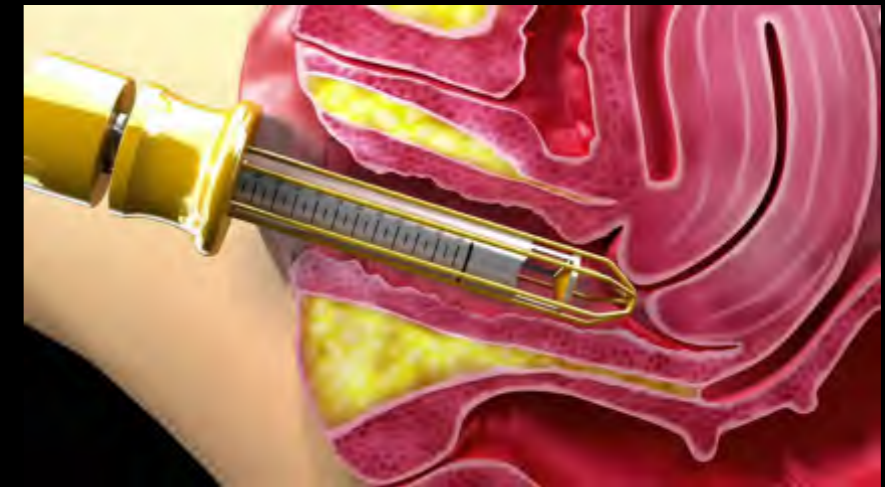
Genital bleaching / Stress urinary incontinence



Vaginal rejuvenation / Vaginal atrophy / Vaginal relaxation syndrome

Equipped with 180-degree conical reflector and 45-degree inclined reflector to meet the needs of different customers

CO2 fractional laser causes a controlled and highly precise photothermal effect into the vaginal mucosa, promoting tissue contraction and tightening and returning its natural elasticity to the vaginal canal. The laser energy delivered along the vaginal wall heats the tissue without damaging it and stimulating the production of new collagen in the endopelvic fascia.



Specification

The type of laser	10600nm Carbon dioxide laser
Focus spot diameter	≤0.1mm
Maximum Output Power	70w
Pulse width	0.1~10ms(0.1ms step)
Repeat time	1~20 times (1 step)
Scan Shape	Square; Rectangle; Circle; Triangle; Hexagon; Ellipse; Line
Maximum scan area	20×20mm
Scan Patterns	Standard; Random; Scatter
Screen	12.1" Inch LCD Touch Screen
Voltage	AC 220V 50Hz ;AC 110V 60Hz
Dimensions	550mm*480mm*1200mm
Net Weight	66kg

