

# CO<sub>2</sub> Fractional Pixel Laser

- 1 Wrinkle removal and Skin Resurfacing
- 2 Surgical Cutting Vaginal Tightening
- 3 Acne Removal and Scar Removal
- 4 Pigmentation improvement



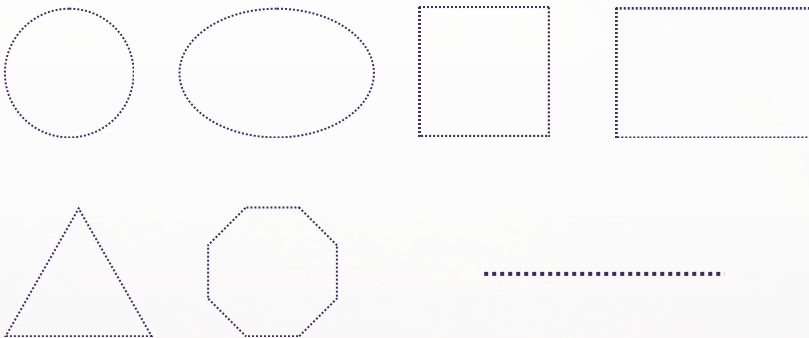
## INTRODUCTION

The CO<sub>2</sub> Fractional Pixel Laser, developed by Homan Poya Electric, is an advanced non-surgical technology designed to address a wide range of dermatological and gynecological concerns.

It utilizes carbon dioxide laser energy at 10,600nm wavelength to target deep skin layers, creating thousands of microthermal columns that stimulate fibroblasts, repair collagen and elastin fibers, and promote skin regeneration.

The result is improved skin texture, wrinkle reduction, scar treatment, pigmentation improvement, skin tightening, and vaginal rejuvenation.

## Scanning Patterns



## Treatment Modes

- Fractional
- Normal
- Gynae
- Vulvae



## AVAILABLE HANDPIECES



1



2



3

### 1 Surgical Cutting

Precise removal of moles, warts, and calluses

Soft tissue cutting for cosmetic and blepharoplasty procedures

Bloodless, stitch-free, minimally invasive results

### 2 Fractional

Skin rejuvenation and collagen stimulation

Treatment of acne scars and enlarged pores

Adjustable penetration depth, energy, and scanning patterns

### 3 Vaginal

Treatment of vaginal dryness and atrophy

Rejuvenation and tightening of vaginal tissue

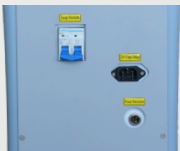
360° circular emission, safe and non-invasive





## TECHNICAL SPECIFICATIONS

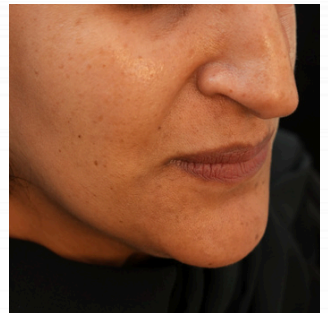
<b>Laser Type</b>	<b>CO<sub>2</sub> Fractional</b>
<b>Wavelength:</b>	<b>10,600 nm</b>
<b>Laser Output Power:</b>	<b>40–60 W</b>
<b>Beam Diameter:</b>	<b>50–200 microns (adjustable)</b>
<b>Penetration Depth:</b>	<b>Up to 2.5 mm</b>
<b>Operating Modes:</b>	<b>CW, Super Pulse, Ultra Pulse, Fractional</b>
<b>Cooling System:</b>	<b>Air cooling</b>
<b>Control Panel:</b>	<b>Digital touchscreen with English language support.</b>





## FUNCTIONS

- Remove acne, acne scars, and various skin scars
- Wrinkle removal & skin resurfacing (eyes, crow's feet, dehydration wrinkles)
- Reduce wrinkles on face, forehead, joints, and stretch marks
- Treat freckles, pigmentation, and hyperchromic lesions
- Tighten skin and lift facial contours
- Remove striae gravidarum and deep scars
- Vaginal tightening and rejuvenation



## TREATMENT BENEFITS

- Wrinkle removal & skin resurfacing
- Acne and scar removal
- Pigmentation improvement
- Stretch mark reduction
- Vaginal tightening and rejuvenation
- Bloodless and precise surgical cutting
- Short recovery period and minimal downtime
- Suitable for all skin types

