

*Specifications

Laser source

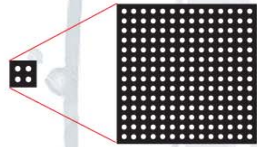
Laser Type	CO ₂ Laser
Laser Tube	Sealed-off CO ₂
Wave length	10.6μs
Mode Structure	TEM ₀₀

Function

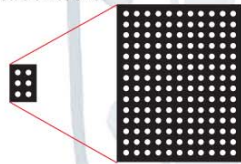
Laser power	1-40W
Ultra Pulse Duration	90μs-900μs
Repeat Time	1s - 5s, off
Density level	Density1 : 2dots x 2dots-8dots x 8dots Density2 : 2dots x 2dots-10dots x 10dots Density3 : 2dots x 2dots-12dots x 12dots Density4 : 3dots x 3dots-15dots x 15dots Density5 : 3dots x 3dots-18dots x 18dots

Operating Modes	1. MICROXEL 2. CW mode 3. Ultra dream pulse 4. Super dream pulse 5. Normal dream pulse
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Beam patterns	1. Square size(2mm x 2mm~15mm x 15mm): Adjustable free size
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2. Rectangle size : (2mm x 3mm~14mm x 15mm)
Adjustable free size



Beam spot size	110μm
Focal Length	Scanner handpiece 100mm/50mm
Repeat time shot	1-7shot

Guide Beam

Type	Laser Diode
Wave Length	655nm
Step adjustable	1-98
Output Power	15mW

General Features

Electrical Requirements	230VAC, single phase, 50/60hz
Cooling System	water cooling
Dimensions	400 x 450 x 1200
Weight	50kg
Display	Touch screen 8.4 Inches color LCD



MICROXEL

Fractional CO₂ Laser System



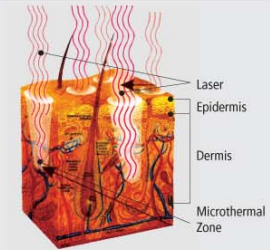
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Ultra Dream Pulse Laser : MX7000 (Scanner type)

MICROXEL MX7000

Fractional CO₂ Laser System



► MX7000

MicroXel laser (scanner type)

The MicroXel laser is a product that employs a different drive system for the hand piece to maximize treatment effects and is also designed and developed as a state-of-the-art product to meet customers' needs in terms of quality, price, and service so it can be available to them without much burden.

In addition, it enables a cutting-edge laser treatment, where the use of fine laser beams can reduce direct thermal damage to the skin, which helps lessen the period of skin regeneration and recovery, which, in turn, allows patient to receive treatment without much trouble to daily life. It is a multi-functional fraction scanner system that seeks for convenience to handle all functions with one controller and surpasses earlier scanner types through the stability of the product and its ergonomical design.

Characteristics of scanner type

1. The MicroXel laser is designed to emit a maximum 324 dots of laser beams on an area of 14mm x 14mm and radiate laser light on the skin coherently and homogenously.
2. It is designed to emit beams whose size is as small as the micro unit so it can penetrate the skin deeply and reduce post-inflammatory hyperpigmentation as much as possible.
3. It adopts a ultra pulse mode whose pulse duration is very short, which, when radiating laser beams to the skin, helps alleviate patient's pain and improve treatment effects
4. It adds many functions of which doctor can make convenient uses and it has an ergonomical design.
5. Since the area to be treated can be adjusted either larger or smaller, it can pinpoint the area to perform treatment on it, whatever lesion it may be.
6. Unlike existing scanner type fractional laser, Our Microxel MX 7000 combines the scanner type of Fractional laser and normal Co₂ laser treatment which can make various treatments through one machine simultaneously. Using Ultra Pulse beam can be recovered within one week after treatment of Fractional laser and Normal Co₂ Laser.

Pores



Acne Scar



Skin Tightening



Wrinkle



Scar

