

# SmaXel with smart protocol



## Technical Specifications

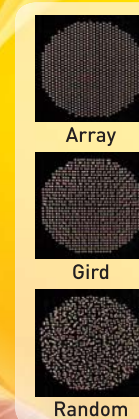
Laser source	
Laser Type	CO2 Laser
Wave length	10.600nm
Mode Structure	TEM00
Laser power	1 - 40W
Function	
Density level	1-23(x,y line) ;9dots-4489 dots
Operating Mode	1. FX mode 2.Ultra dream pulse 3. CW mode 4.Super dream pulse <b>5. Normal pulse 6. Low pain mode</b>
Beam patterns	1. Array 2. Grid 3. Random
Beam size	2 x 2mm - 20 x 20mm
Beam shape	
Beam spot size	100µm
Focal Length	scanner handpiece 100mm,50mm handpiece
Depth level	1 - 5 step
Repeat time	<b>off, 0.5,1.5, 2, 2.5ms</b>
Guide Beam	
Laser Type	Laser Diode
Wave Length	655nm
Step adjustable	1 - 5 step
Output Power	5mw
General Features	
Electrical Requirements	230v, single phase,50/60hz
Cooling System	water cooling
Dimensions	430 x 480 x 1240
Weight	45kg
Display	touch screen10.2Inches color LCD



# SmaXel

## Fractional CO2 Laser System

\*Dual Beam Shape  
\*Three Function



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**SmaXel with smart protocol**

# SmaXel

## Fractional CO2 Laser System

### SmaXel with Smart protocol

#### Fractional Laser

Fractional Laser uses fine laser beam to minimize skin damage by heat lessening the recovery and rejuvenation period. Patients can therefore resume normal daily activities soon after treatment.

For this reason laser treatment is one of the most sought after solution in modern days.

Fractional laser uses a CO<sub>2</sub> tube to improve treatment effects. The CO<sub>2</sub> tube has a long product life and is stable with an advantage of precision in treatment.

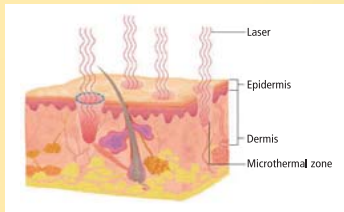
Treatment period can be lessened by adjustable scan-size and the beam density, which is beneficial both for the user and the patient.

With competitive advantages in quality and price the product is the best choice for purchasers.

#### Features of Fractional laser

1. Fractional CO<sub>2</sub> laser is designed to evenly radiate laser beam of max 4489dots to an area of 20mm X 20mm.
2. It is designed to radiate beam in micro unit size to enable deep penetration into the skin with maximum reduction in PIH.
3. By utilizing the ultra pulse mode, short pulse duration and high peak power, pain is reduced and effectiveness is enhanced during the treatment
4. User-friendliness with the adjustable beam shapes into 'square' and 'circular'.
5. Precision treatment by the adjustable size of treatment area and the irradiation in 3 patterns (array, grid, random)
6. Improved resurfacing function compared to the conventional scanner method. The state-of-art laser design with versatile application by integrating the fractional scanner and the CO<sub>2</sub> laser functions in one.

#### Micro Thermal Hole Zone



**Painless, Safety,  
Quick recovery time**

Wrinkle  
Acne Scar

Whitening

Skin  
Tightening

Pore  
Minimization

Skin  
Resurfacing

Collagen  
Remodeling  
Fine Line  
Pores / Scars  
Wrinkles

Resurfacing  
Skin Tone  
Skin Texture  
Skin Tightening

Pigment  
Nevus  
Freckles  
Dark Spots

**Acne Scar**



**Large Pores**



**Wrinkle**



**Skin Tightening**

