

Technical Specifications

Model		MICROSYS
Laser Type		CO2 Laser
Wave length		10,600nm
Laser power		1-40W
Function		
Aiming Beam	Diode Laser 655nm (5mw) :1-10 Step	
Surgical Mode	Handpiece Type	50mm,100mm(Basic) E.N.T & Dental Handpiece::Optional
	Laser Operation Mode	1. CW 2. Normal Pulse 3. Super Pulse 4. Super Pulse Continuous 5. Ultra Pulse 6. Smart Protocol(General Surgery/Dental Surgery)
	Pulse Duration	· Ultra Pulse : 90us-900us · Super Pulse :1000us-3500us · Normal Pulse : 4ms-20ms
	Repeat Time	OFF, 2ms/500ms adjustable, 5ms, 10ms, 30ms, 50ms, 70ms, 100ms, 250ms, 500ms
Fractional Mode	Beam Mode	Ultra Pulse
	Density Level	1-23 Step(x,y line) ; 9dots-4489 dots
	Operation Mode	Fractional Mode Low Pain Fractional Mode
	Beam Patterns	Array,Grid, Random
	Beam Size	2x2mm - 20x20mm
	Beam Shape	■ ▲ ◆
	Depth Level	1-5 Step
	Handpiece	· Fractional Handpiece(Galvanic Motor) · Vaginal Rejuvenation Handpiece(Optional)
Repeat Time	OFF, 0.5 , 1.5, 2, 2.5ms	
General Features		
Electrical Requirements	220v, 6A. single phase,50/60hz	
Cooling System	water cooling	
Dimensions	350x360x1200	
Weight	52Kg	
Display	10.2 inches color lcd	

MICROSYS

Fractional CO2 Laser System

Rubbing Beam Mode Available



*Dual Beam Shape
*Three Function

MICROSYS

Fractional CO₂ Laser System

Strong points for Fractional laser with excited tube

- Thermal damage on the skin can be considerably reduced by using ultra pulse laser beam.
- MICROSYS installed high quality Galvano motor for the fast, precise and safe treatment. Also the treatment method is very convenient because it can adjust beam density and size with easy.
- Unlike existing other device, MICROSYS is added multifunction such as rubbing mode which other maximize the treatment result.
- Patients can do daily life very soon after treatment because downtime is very short.

Specifications for Fractional laser with excited tube

- MICROSYS is designed that maximum 2,500 dots can be radiated on 20mm × 20mm area of skin evenly.
- MICROSYS is designed to reduce PIH considerably by making laser beam penetrate into skin deeply because beam size can be radiated minutely with micro units.
- MICROSYS decrease patients' pain but increase effectiveness by using short pulse duration and high peak power.
- For operator, square and circle beam shape is added.
- Four different kinds of beam patterns (array, grid, random) makes all of treatment easily and perfectly.

Micro Thermal Hole Zone

