

# Microsys Specification

## Technical Specifications

Laser Type	CO2 Laser (USA Origin)	
Wavelength	10.600nm	
Guide Beam	650nm Less than 5mW	
Laser power	1-50W	
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.S.P.C 5.Ultra Pulse 6.Smart Protocol(General Surgery/Dental Surgery)
	Pulse Mode	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
	Beam Mode	Ultra Pulse
	Density Level	1-23 Step(x,y line) ; 9dots-4489 dots
Fractional Mode	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	220~240v, single phase, 50/60hz
Cooling System	Air cooling system
Dimensions	400x390x1000mm
Weight	50Kg
Display	10.1 inches true color LCD



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# MICROSYS

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

**Rubbing Beam Mode Available**

## Strong Points for Fractional Laser with RF Excited Tude

Thermal damage on the skin can be considerably reduced by using ultra pulse laser beam.

Microsys installed high quality Galvano moror for the fast, precise and safe treatment. Also the treatment method is very convenient because it can adjust beam density and size with easy.

Unlikely existing other device, Microsys is added multiple function 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 RF Excited Tude

Microsys is designed that maximum 2,500 dots can be radiated on 20mm x 20mm area of skin evenly.

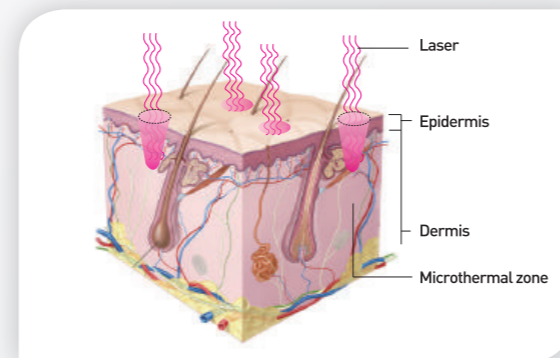
Microsys is designed to reduce PIH considerably by making laser beam penetrate into skin deeply because beam size can be radiated minutely with micro units.

For operator, square and circle beam shape is added.

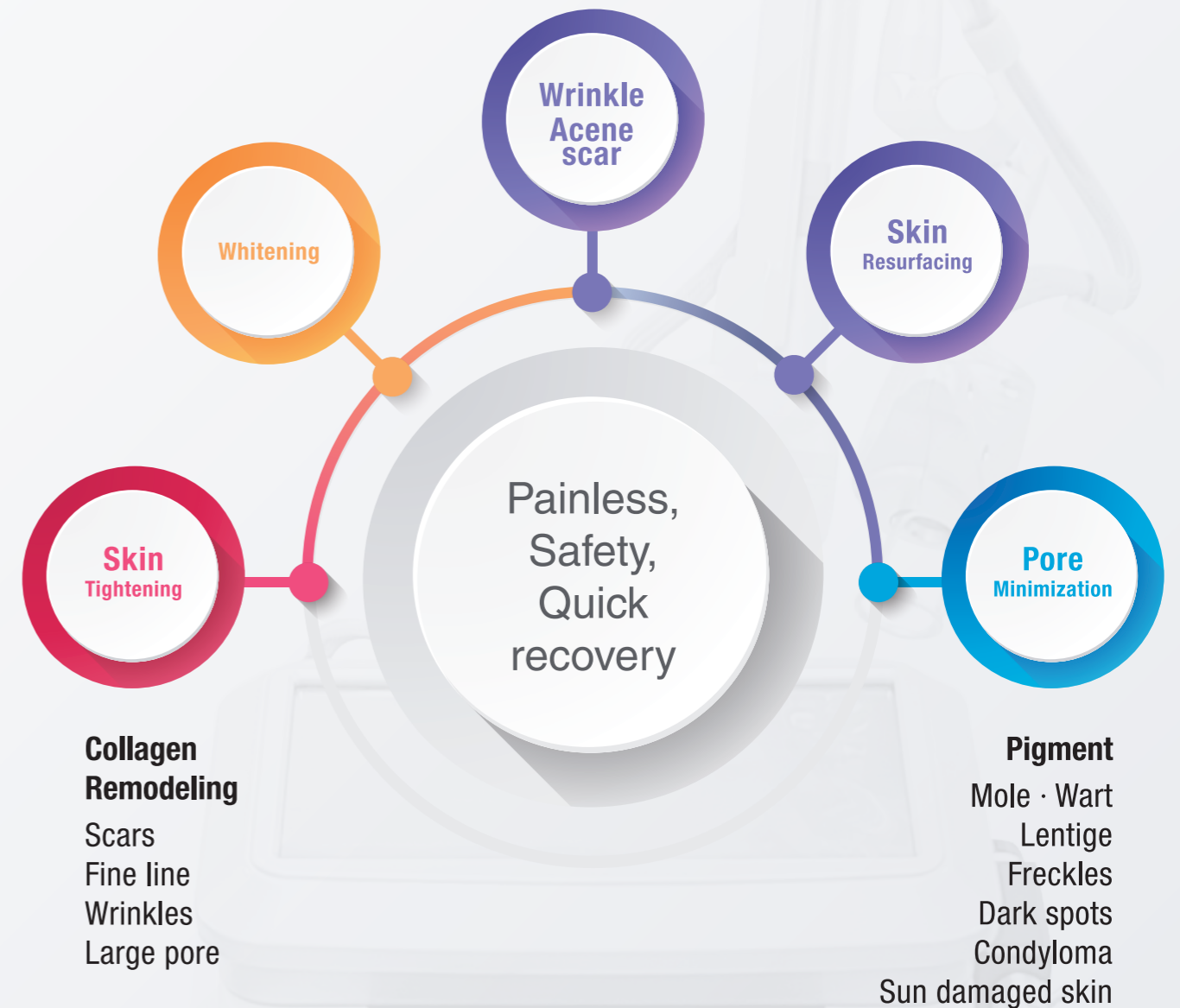
Microsys decrease patient's pain but increase effectiveness by using short pulse duration and high peak power.

Four different kinds of beam patterns (array, grid, random) makes all of treatment easily and perfectly.

## Micro Thermal Hole Zone



**Resurfacing**  
Skin tone · Skin texture · Skin tightening



## Before & After

