



0476



ISO 13485



MICROSYS

Innovative DS
Daeshin Enterprise(D.S.E)

MICROSYS → Surgical Mode / Dental Mode

Smart mode for Surgical Field (General Surgery , Dental Surgery)



General Surgery Indication

Corns, Warts etc	Freckles
Birthmarks(mole)	Skin resurfacing
Phimosis/ectomy	Tumor elimination
Hemorrhoids and anal fistulas	Fine wrinkle
Condyloma	Syringoma
Snoring	

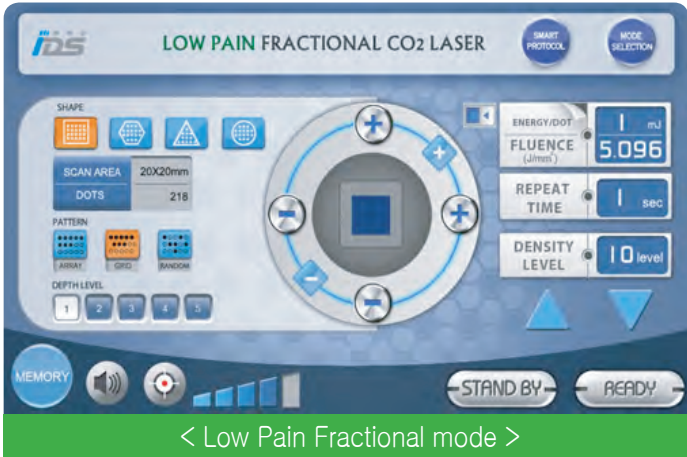
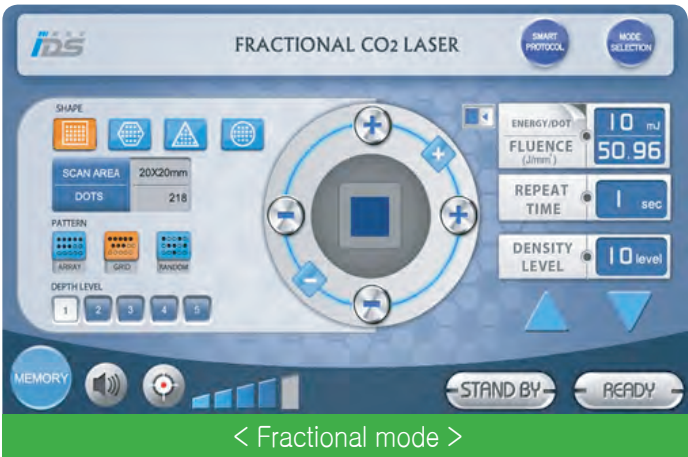
Dental Surgery Indication

The second implant operation	Hyper sensitive
Hemostasis after dental extraction	Herpetic gingivitis
Crown lengthening	Frenulum excision
Gingival excision, Gingival plastic operation	Cleaning of dental cuticle cyst
Removal of pigmentation	Pulp capping –Fluorine coating
Allergic splenitis	Sterilization in paradental cyst
Sterilization in root canal	Abscess treatment



MICROSYS → Fractional Mode

Fractional (Fractional mode / Low pain fractional mode)

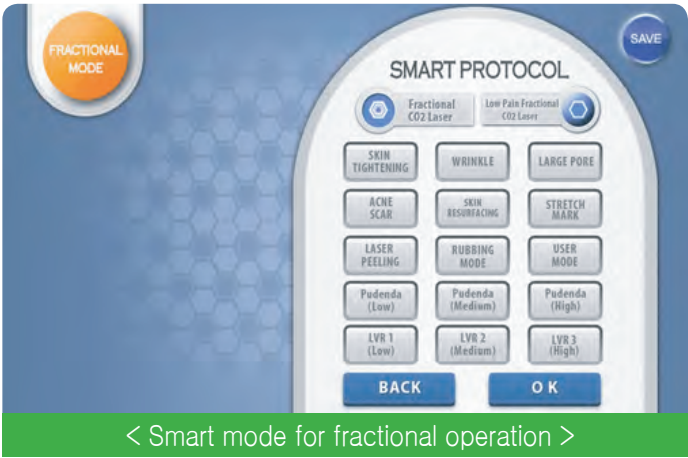


Various Beam Pattern

Various beam pattern for each treatment



Ultra Pulse Beam Minimizes Thermal Damage and Side Effect



Fractional Surgery indication

Skin tightening	Wrinkle	Large pore	Acne scar
Skin resurfacing	Stretch mark	Laser peeling	Rubbing mode
Pudenda	LVR		

Technical Specification

Model		MICROSYS
Laser Type		CO2 Laser (RF) / USA Origin
Wave length		10,600nm
Laser power		1-40W (CW mode)
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-4000us – Normal Pulse : 5ms-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	2×2mm – 20×20mm
	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
Dimensions		400x390x1000mm
Weight		50Kg
Display		10.2 inches true color LCD