



SMAXEL

Vaginal treatment mode



Manual LVR Hand piece



Automatic LVR Hand piece

SMAXEL

Surgical Mode / Dental Mode



50mm



100mm



E.N.T Hand piece



Dental Handpiece

SMAXEL

Fractional Mode



SMAXEL

Low Pain Fractional Mode



Smaxel

Technical Specification

Model	SMAXEL	
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)
General Features		
Electrical Requirements	220V, 6A, single phase,50/60hz	
Cooling System	water cooling	
Dimensions	350x360x1200	
Weight	52Kg	
Display	10.2 inches color lcd	



Qatar Office:
C Ring Road - C21 Finincial Square 273 – 1st Floor – Office No. 9
Tel: +974 4412 6795
Fax: +974 4421 5175
P.O.Box: 207014
Doha - Qatar



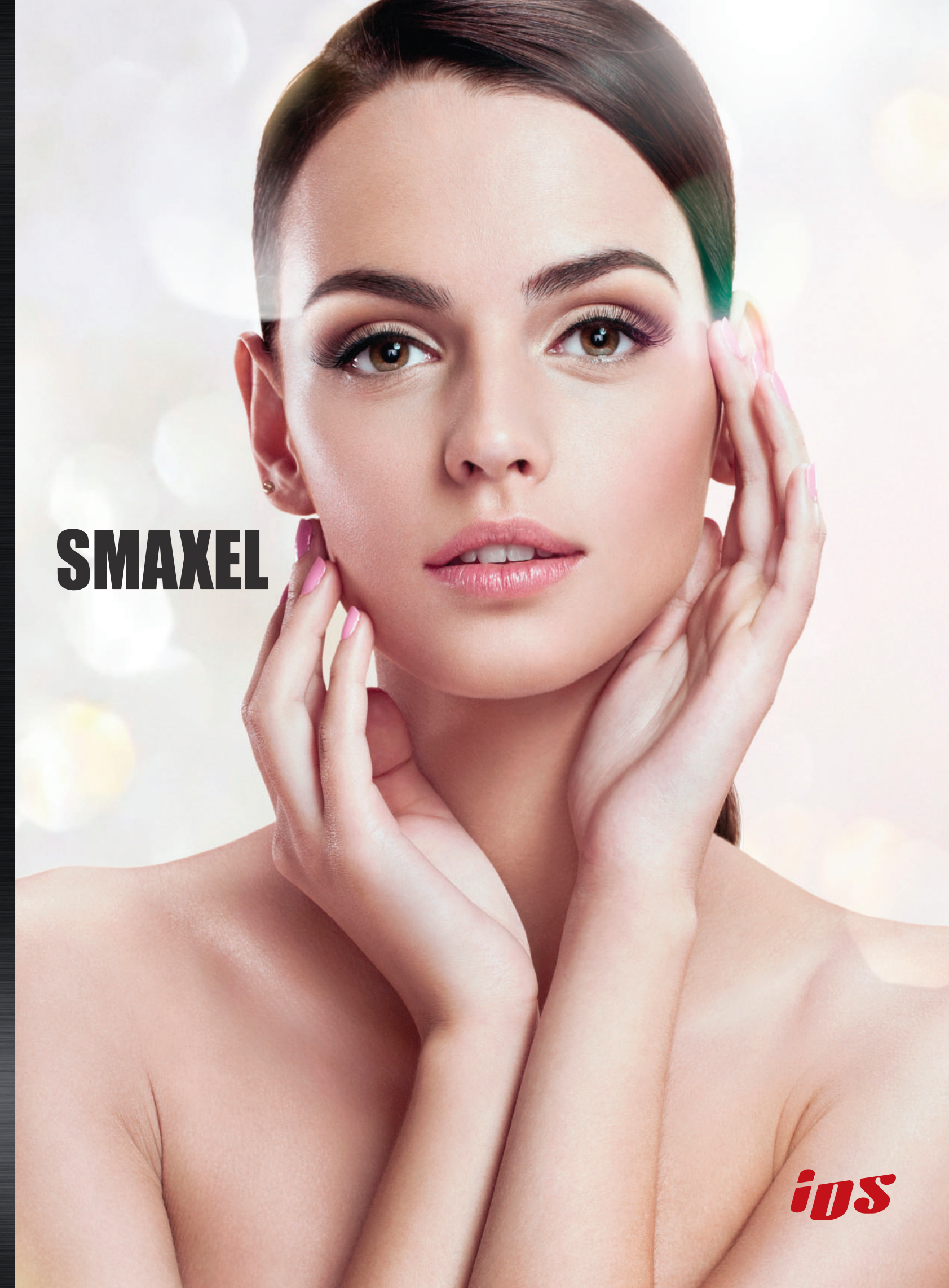
Jordan & Iraq Office:
Eid Zyadat Complex – Amer ben Malek St.- Khalda
Tel: +962 6 5533 711
Fax: +962 6 5533 710
P.O.Box: 710031– Postal Code: 11953
Amman – Jordan

Dubai Office:
1301 Al Nahda 1 – Mai Tower – floor 13th – Office No. 5
Tel: +971 43 339 786
Fax: +971 43 978 867
P.O.Box: 234797
Dubai – UAE

Ajman Office:
Ajman Pearl Towers A5-15
Tel: +971 65 278 851
P.O.Box: 234797
Ajman -UAE

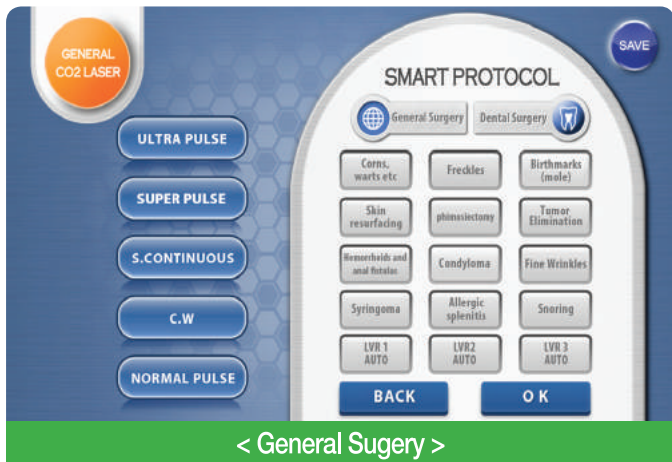
IDS Medical Devices
12721 Metcalf Ave. Suite 100
Overland Park, KS. 66213
913-200-8711 (Overland Park, KS)
412-926-7808 (Pittsburgh, PA)
412-680-2426 (Greensburg, PA)

ids



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



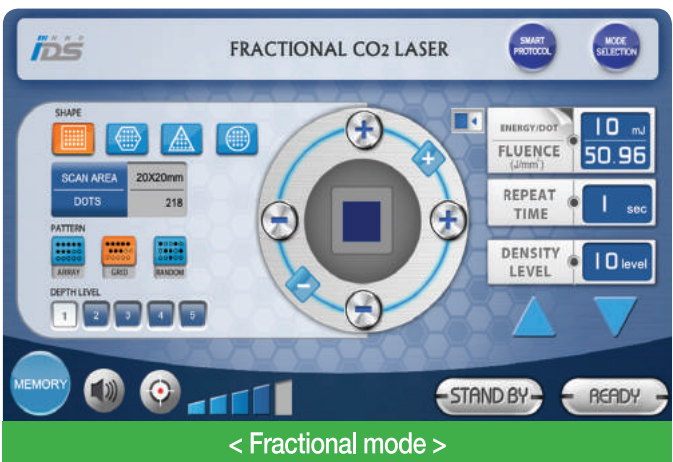
General Surgery Indication

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

Dental Surgery Indication

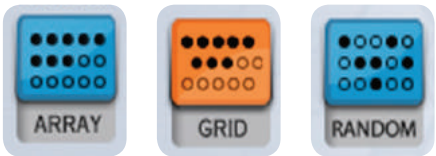
The second implant operation	Hyper sensitive
Hemostasis after dental extraction	Herpetic gingivitis
Crown lengthening	Frenulum excision
Gingival excision, Gingival plastic operation	Cleaning of dental cuticle cyst
Removal of pigmentation	Pulp capping -Fluorine coating
Allergic splenitis	Sterilization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

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

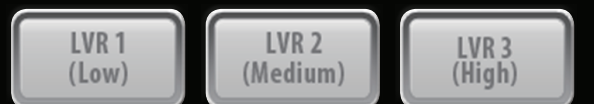


Fractional handpiece + LVR Handpiece (Vaginal treatment)

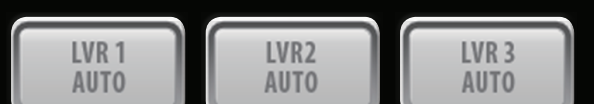
Fractional handpiece (for Pudenda Treatment)



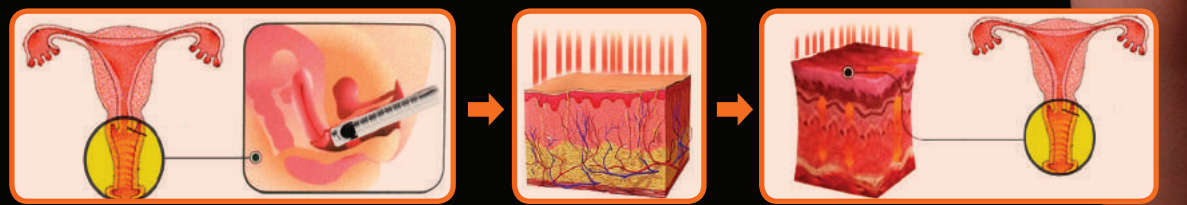
Smart protocol for LVR by Manual Treatment



Auto Vaginal Rejuvenation Handpiece



How does it work ?

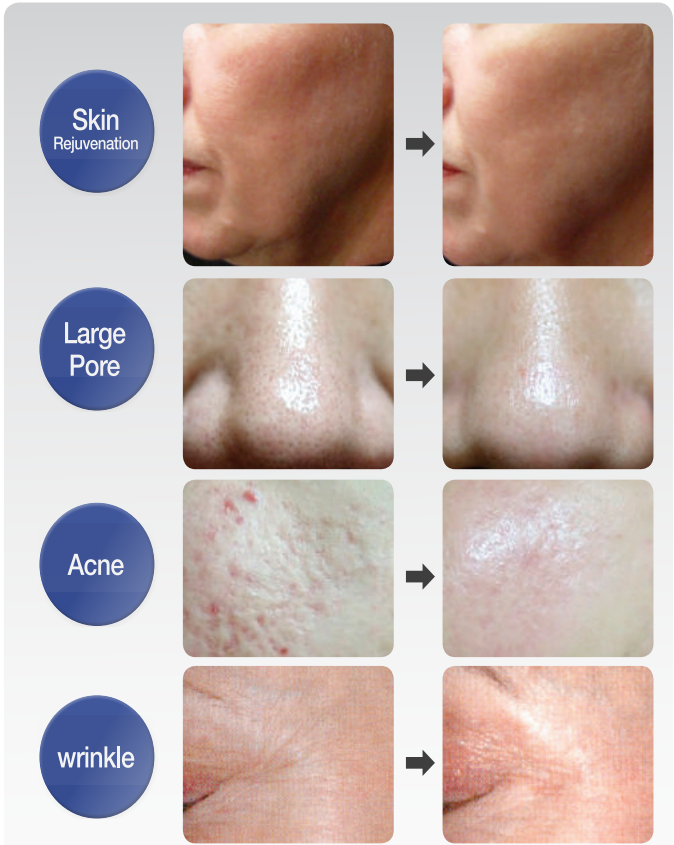


high density laser beam delivers to vagina widely and it makes vaginal tightening & rejuvenation.



Fractional Surgery indication

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



< Before & After >