

SMAXEL™

Redefining CO₂ Laser Technology

A powerful CO₂ laser powered by Smart Pulse technology, guarantees exceptional precision. Its smart scanning and energy control minimize downtime, making it ideal for various aesthetic and medical applications.



Smarter Investment
No Device Consumables

Smart Scanning
& Energy Control

Versatility Beyond
Skin Rejuvenation



”

SMAXEL is my go-to solution for treating acne scars, hyperpigmentation, fine lines, and wrinkles. It also performs exceptionally well in minor surgical procedures such as mole, wart, and skin tag removal.

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Muhammad Awais Arif, M.D.

REAL RESULTS

Before



After



Skin resurfacing,
acne scars, wrinkles,
& stretch marks



Corns, warts,
& syringomas



Excision, tumor removal,
& hemorrhoids



Atrophic vaginitis,
& incontinence



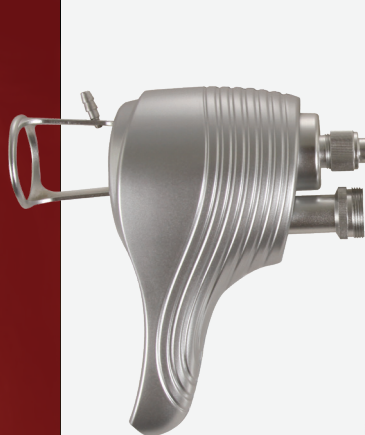
Dental implants,
root canal sterilization,
& hypersensitivity



Snoring &
allergic rhinitis

Versatile HANDPIECES

- ✦ Aesthetic Dermatology
- ✦ Surgery
- ✦ Gynecology
- ✦ Dentistry
- ✦ Otorhinolaryngology (ENT)



Microbeam



Automatic LVR



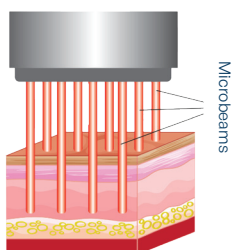
50 mm



100 mm

Talk to our representative today to learn more about the available handpieces.

WHY SMAXEL?



Microbeams

Reduce Downtime

With controlled energy delivery and smart scanning system, Smaxel reduces post-procedure recovery time compared to deeper ablative lasers.

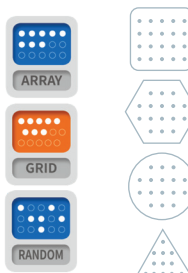
5 Pulse Modes

- Ultra Pulse
- Super Pulse
- Super Continuous
- Continuous Wave
- Normal Pulse



Low Pain Mode

Delivers lower-energy laser pulses to minimize discomfort, ideal for sensitive skin.



Beam Patterns & Scanning Shapes

Unmatched precision and versatility with three beam patterns and four skin scan shapes, allowing customized treatments for optimal results

Specification

Laser Medium	CO2 (Glass Tube)
Wavelength	10,600 nm
Guide Beam	650 nm < 5 mW
Power	1-40 W
Aiming Beam	Diode 650 nm
Cooling	Water
Dimension	440 mm (W) X 480 mm (L) X 1055 mm (H)
Weight	52 kg

Handpieces	50 mm / 100 mm (Standard) Dental / ENT (optional)
Operation Mode	CW / Normal Pulse / Super Pulse Super Pulse Continuous / Ultra Pulse Smart Protocol (General Surgery / Dental Surgery)
Pulse Duration	Continuous: 2-30 ms Ultra Pulse: 90-900 μ s Super Pulse: 1.0-4.0 ms Normal Pulse: 5-20 ms
Repeat Time	Off, 2/500 ms adjustable, 5 ms, 10 ms, 30 ms, 50 ms, 70 ms, 100 ms, 250 ms, 500 ms

Beam Mode	Ultra Pulse
Density Level	1-23 steps (x, y, line); 9-4489 dots
Operation Mode	Fractional Mode Low Pain Fractional Mode
Beam Pattern	Array, Grid, Random
Beam Size	2x2 - 20x20 mm
Beam Shape	Square, Triangle, Octagon, Circle
Depth Level	1-5 steps
Handpiece	Microbeam HP (galvanic motor) Automatic LVR HP (optional)
Repeat Time	Off, 0.5, 1, 1.5, 2, 2.5 ms

*Explore the full potential of SMAXEL
and discover how it can transform your practice!*

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