

**Aesthetic Surgical**

50 mm handpiece,  
100 mm handpiece

**Aesthetic Fractional**

Fractional handpiece

**General Surgical**

50 mm handpiece,  
100 mm handpiece,  
Zoom handpiece

**Vaginal**

Manual LVR handpiece,  
Automatic LVR handpiece,  
Fractional handpiece

**Dental**

Dental handpiece

**ENT**

ENT handpiece and tips

**Clinical Indication**



**Aesthetic Surgical**

- Corn, Warts
- Syringoma

**Aesthetic Fractional**

- Acne Scar, Wrinkle, Large Pore
- Skin Resurfacing, Stretch Mark
- Skin Tightening, Laser Peeling
- Age Spot

**General Surgical**

- Excision, Incision, Phimosiectomy
- Tumor Elimination
- Hemorrhoids

**Vaginal**

- Pudenda
- Genitourinary Syndrome of Menopause
- Vaginal Rejuvenation
- Vaginal Atrophy
- Stress Urinary Incontinence

**Dental**

- Implants Operation
- Hypersensitivity, Hemostasis
- Sterilization in Root Canal

**ENT**

- Allergic Rhinitis, Snoring

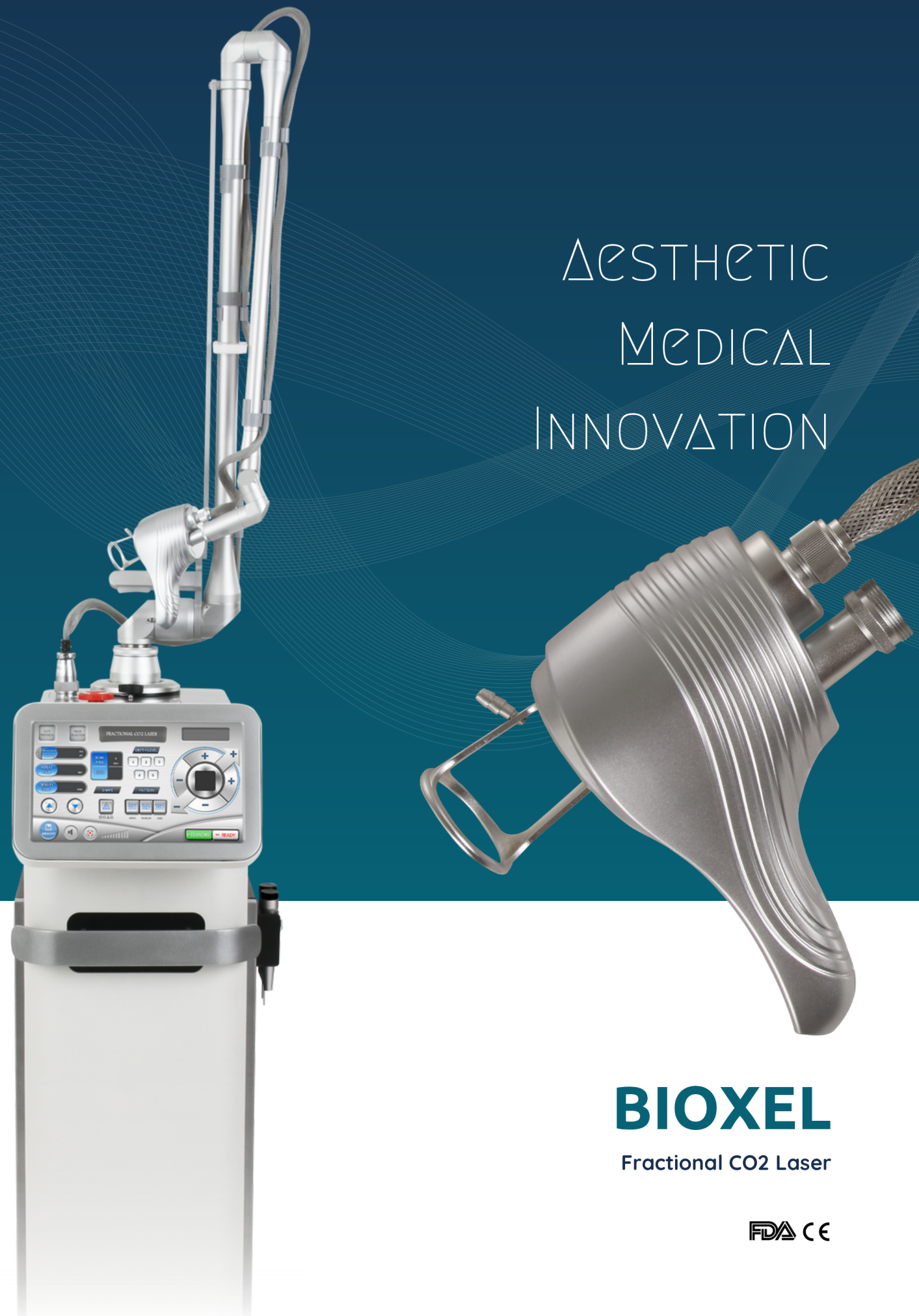
**Technical Specification**

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 (W*L*H)	440 mm (W) X 480 mm (L) X 1055 mm (H)
Weight	52 Kg

Handpieces	50 mm / 100 mm (standard) Dental / ENT (optional)	Handpieces	Fractional HP (galvanic motor) Vaginal Rejuvenation HP (optional)
Operation Mode	CW / Normal Pulse / Super Pulse Super Pulse Continuous / Ultra Pulse Smart Protocol (General Surgery / Dental Surgery)	Beam Mode	Ultra Pulse
Pulse Duration	Continuous: 2-30 ms Ultra Pulse: 90-900 μs Super Pulse: 1.0-4.0 ms Normal Pulse: 5-20 ms	Density Level	1-23 steps (x, y, line); 9-4489 dots
Repeat Time	Off, 2/500 ms adjustable, 5 ms, 10 ms, 30 ms, 50 ms, 70 ms, 100 ms, 250 ms, 500 ms	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
		Repeat Time	Off, 0.5, 1, 1.5, 2, 2.5 ms

For international use only

ΔESTHETIC  
MEDICAL  
INNOVATION



**BIOXEL**  
Fractional CO2 Laser

## Product Overview

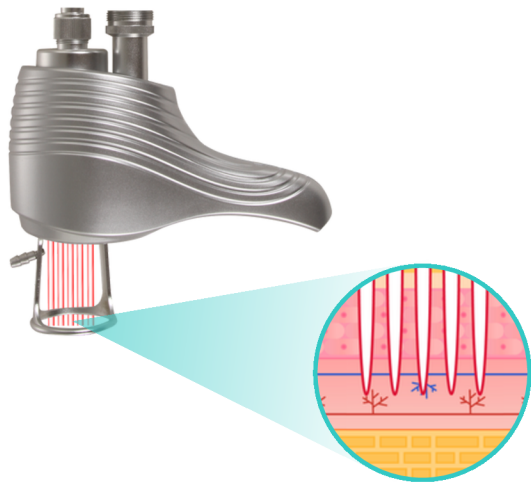
BIOXEL, a leading CO<sub>2</sub> fractional laser technology by AMI, is a revolutionary system tailored to address a wide variety of concerns.

With cutting-edge innovation and precision design, BIOXEL transforms the field across six key aesthetic and medical applications: aesthetic surgical, aesthetic fractional, general fractional, vaginal, dental, and ENT.

Each application benefits from features that enhance treatment outcomes, reduce downtime, and maximize results, making BIOXEL a top choice for both aesthetic and medical professionals.



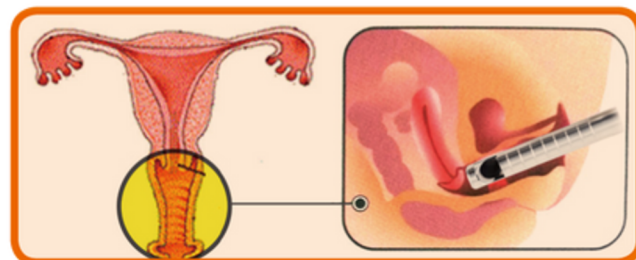
## Scar treatment



- The fractional CO<sub>2</sub> laser emits a concentrated beam of light that is divided into thousands of tiny microbeams.
- Microbeams penetrate deep into the skin and create controlled columns of vaporized and coagulated zones.
- Production of new collagen and elastin fibers is stimulated.
- Damaged skin cells are replaced by new, healthier tissue.
- Over time, the appearance of scars is improved.

## Vaginal rejuvenation

- Microbeams penetrate vaginal tissues.
- Controlled columns of vaporized and coagulated zones are created, triggering a healing process. This stimulates the production of new collagen, elastin fibers, and vascularization in the vaginal wall.
- The treatment enhances the strength and elasticity of the vaginal tissue.
- Improvements in vaginal laxity, elasticity, and moisture levels are achieved.
- Over the weeks following treatment, patients may notice better vaginal tightness, lubrication, and overall tissue health.



## Handpieces

### Aesthetic Surgical

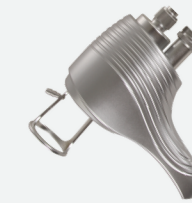


50 mm HP



100 mm HP

### Aesthetic Fractional



Fractional HP

### General Surgical



50 mm HP



100 mm HP



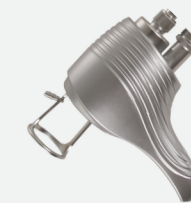
Zoom HP

### ENT



Dental HP

### Vaginal



Fractional HP



Manual LVR HP



Automatic LVR HP

### Dental



ENT HP & Tips

