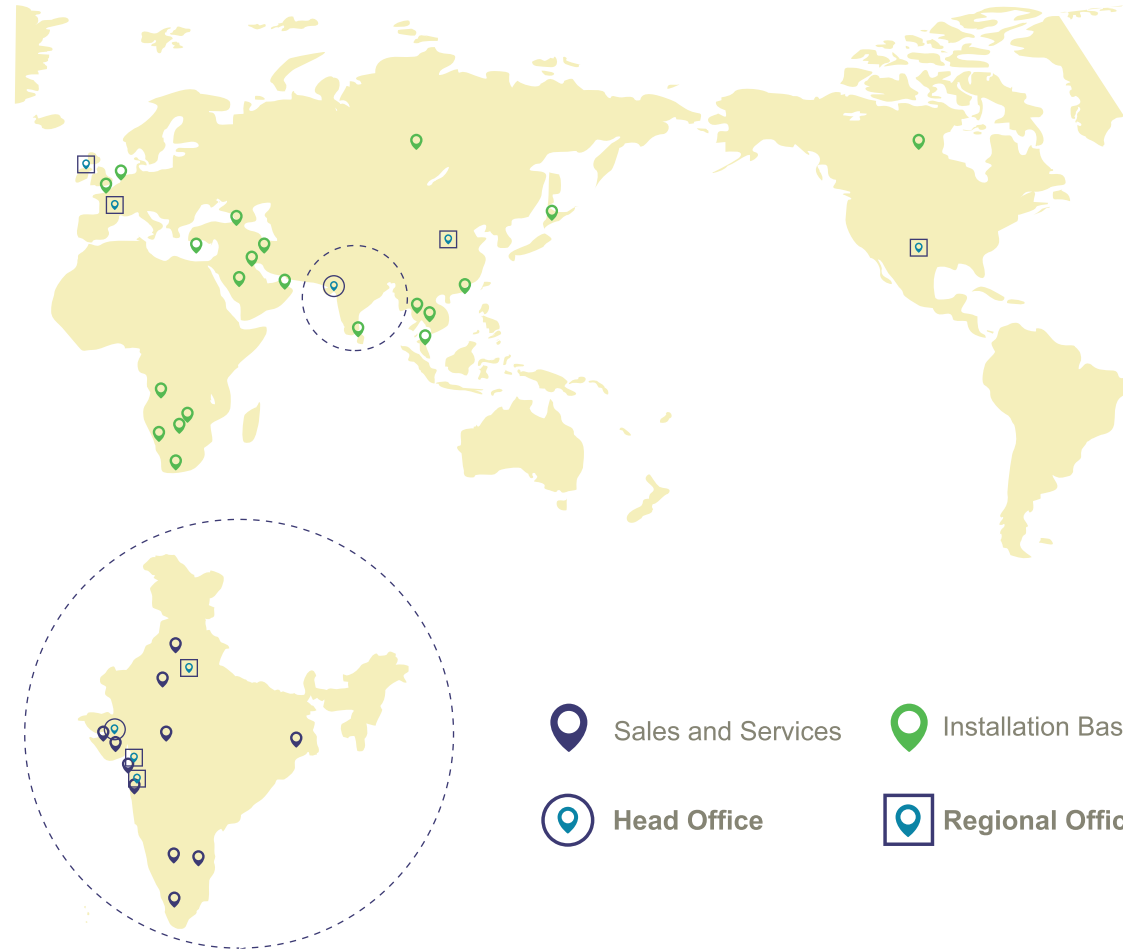


## SLTL PRESENCE

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Mumbai  
Pune  
Rajkot  
Surat

- Sales and Services
- Installation Base
- Head Office
- Regional Office

**CE** An ISO 9001: 2015 certified company

**Sahjanand Laser Technology Ltd.**

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## LAS-O-FLEX – DM

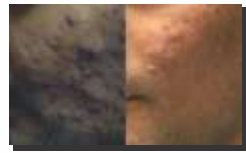
Applications of Fractional CO<sub>2</sub> Laser  
in Dermatology



CAUTION: Indication, Contraindication, Warnings, Precaution and other instruction for use can be found in the product labeling supplied with each device.  
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"TECHNOLOGY"

## LAS-O-FLEX – DM



Squamous cell carcinoma Squamous skin cell layer



## LAS-O-FLEX – DM

**Las-o-Flex** is a laser system that helps to fade away the appearance of imperfections and face wrinkles present on the surface of the skin. During the treatment process, a laser is used to break down damaged skin cells in the top layers of the skin and simultaneously promote the production of collagen and fresh skin cells in the layers below. The new layer of skin that appears is tighter, healthier and smoother in appearance.

**Las-o-Flex** helps in the improvement of acne scars, wrinkles, fine lines, sun damaged skin, age spots, birthmarks, blotchy patches on the skin, etc. It removes skin growths such as moles, warts, and certain kinds of early stages of skin cancer and those mild to moderate

facial scars that were deserted by previous surgeries or injuries are also treated. The machine uses an excellent procedure which serves the visible skin smoothing as well as tightening with increased collagen generation. Recovery period is considerably low because it varies with the kind of laser used for the treatment. Use of this machine for the treatment does not require incisions, It involves less bleeding when compared to the other surgical methods opted for resurfacing. The results achieved here are relatively long-lasting, if a proper skin care regimen is adhered to when performed in a controlled medical environment by experienced professionals.

## Specification

Laser Type	Ultra pulse fractional CO2 Laser with fractional incisional & excisional skin resurfacing
Power (Watts)	30 / 40 / 60 / 70
Wave Length (nm)	10,600
Pulse Energy (mj)	1-400 (adjustable)*
Operation Mode	Continuous, Pulsed: Single, Super pulse or Ultra pulse
Repetition Rate	1-1000 pulses/second
Time range	0.1 ms - 1sec
Repeat delay	0.1 - 5.0 seconds
Depth of Penetration	Up to 4 mm/ pulse*
Display	10.1 inches (Touch screen)
Scanner (In-built) (mm)	up to 20 mm X 20 mm with shapes like Square, Circle, Line, Rectangle, Hexagonal Etc.
Transmission	7 joint, spring balanced, long articulated arm, 360 degree rotation, light weight
Hand piece	Reusable, light weight, CO2 Fractional Hand Pieces, Spot size up to 150 µm, CO2 Focused Incisional hand pieces Soot Size: 0.2mm
Spot size	Up to 2mm adjustable
Aiming Beam	Diode Laser 635nm, 5mW, adjustable, intensity, on/off lasting, blink on/off
Foot Switch	Wired ( Detachable)
Power Supply	200-240V, 20A/16A=10%, 50/60 Hz, Single phase
Cooling System	Rf Exited Metal Tube Closed Loop Cooling
Weight (Kg)	40
Dimensions (cm)	35 X 67 X 97
Standards Warrnty	1 Year
Optional accessories	Hand pieces ( Fractional, Incisional, Application Specific) Probe For Vaginal Rejuvenation Eye Shield, Cornea Shield Safety Goggles UPS Smoke evacuator External Air Compressor

\* Values vary depending on the Power , pulse duration & other parameters

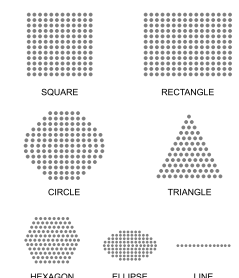
## Benefits

- Longest wavelength
- Using super pulse mode (cutting & pulsing) ensure almost no tissue damage by fastest and cleanest cut. Excellent coagulation (homeostasis)
- True tissue generation
- Reduced surgical time
- Reduced healing time
- Minimal discomfort

**Sahajanand Laser Technology Ltd. (SLTL Group)** offers super pulse cutting mode which make LAS-O-FLEX - DM (CO2 laser) different from other lasers to cut and coagulate with minimum tissue damage.



Scan Head



Scanner Patterns