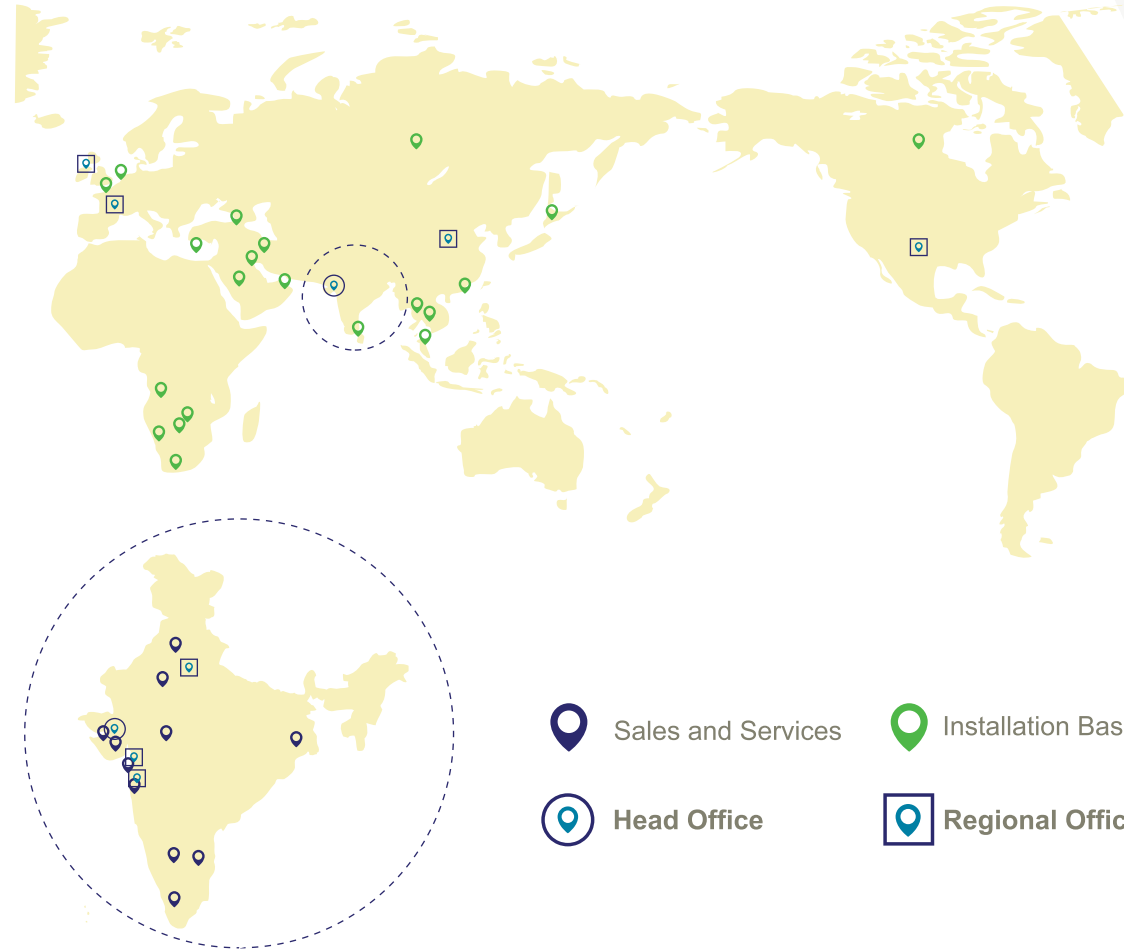


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Rajkot
Surat



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



An ISO 9001: 2015 certified company

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LAS-O-FLEX

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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ADVANCED TECHNOLOGY
NOW IN INDIA
SEALED CO₂ RF EXCITED
"TECHNOLOGY"

LAS-O-FLEX



Specification

Laser Type	Sealed CO ₂ RF Excited
Ergonomic Design	Portable - Trolley Mounted
Laser wave length	10600 nm
Power on tissue	1.0 to 30 Watt
Modes of operation	Continuous, Single Pulse, Repeat Pulse, Ultra pulse
Display (Control Panel)	LCD, Color Touch Screen
Aiming Beam	5 mW Red Diode beam, 635 nm,
Mode Structure	TEM ₀₀
Pulse Duration	0.1 ms to 100 ms
Pulse Interval	0.1 ms to 100 ms
Delivery System	7 joint, Spring Balanced, 135 cm, 360 deg rotation, Fixed Mirror Hollow Articulated Arm & Fiber
Focal Spot Diameter	0.1 mm to 1.0 mm
Cooling System	Internal Air cooling by fan
Foot Switch	Wired (Detachable)
Laser Emission	LED Illuminated
Indicators	Audible Tone
Safety	Emergency Stop, Key Switch, Safety Goggles, Laser Radiation Sign
Electrical Power	Single Phase 230 V AC, 50 HZ, 5 AMP
Operation Temp	25° C
Humidity	<80%
Weight	40 KG (approx)
Dimensions	30 cm X 60 cm X123 cm (LXWXH)

Speciality of Las-O-Flex CO₂ Laser

- Longest wavelength than any other laser.
- Using super pulse mode (cutting & pulsing) ensures almost no tissue damage by fastest and cleanest cut.
- Excellent coagulation (hemostasis)
- True tissue regeneration.
- Less bleeding during surgery.
- Reduced surgical time.
- Reduced healing time.
- Optimum comfort.

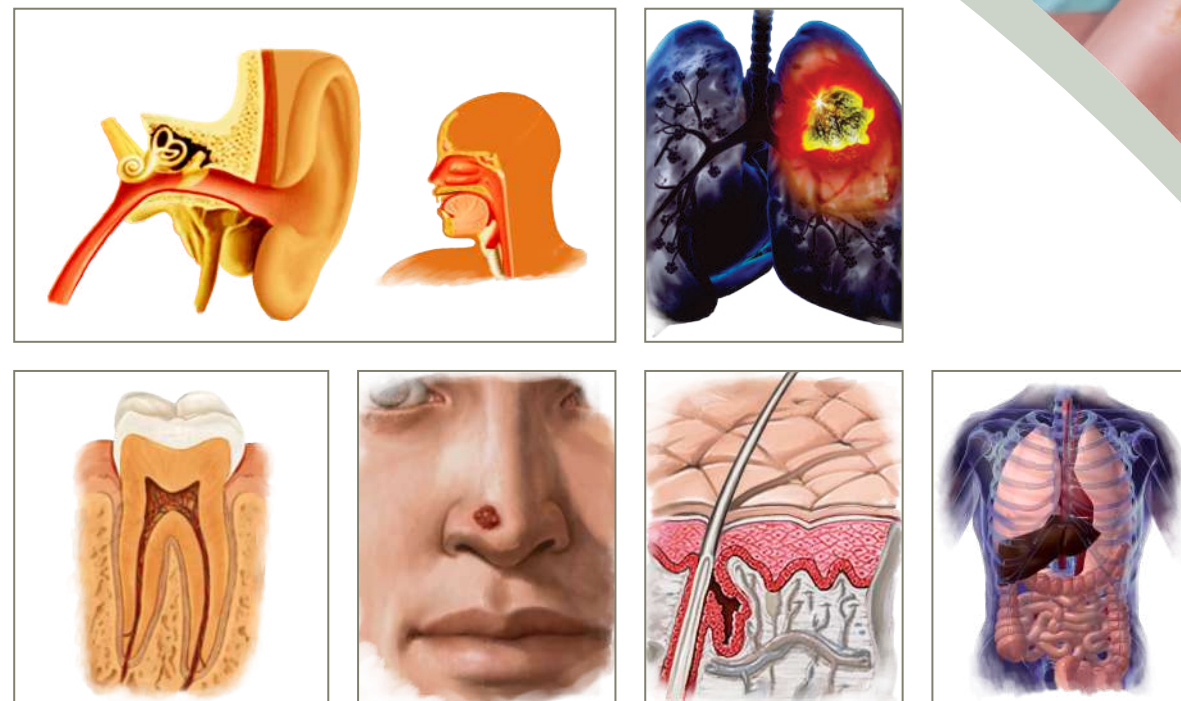
CO₂ Laser microsurgery system Clinical advantages

- Small injury, no cut on the neck area and windpipe, less bleeding.
- Non-touch, red light to indicate high precision.
- Good functional security, heal up quickly, small scar & less infection.
- Short operation time, less pain & short hospitalization time.
- Clear operative vision, easy to operate & safe.

Accessories

- Micro Manipulator

Operating	Handy, Joystick, Focus Adjustable
Work Distance	200 mm to 400 mm Adjustable (Compatible to most Microscopes)
Focal Point Diameter	0.3 to 0.6 mm
- CO₂ Fibers (Different length & diameter)
- Handpieces
- Tips: Easily replaceable & Durable
- Safety Goggles
- User Manual



Good reason that make a truly convincing case:

- Versatile user-oriented operating modes such as single pulse, super pulse, continuous and burst mode.
- Reliable beam guidance with minimal spot sizes and high power densities.
- Controlled by micro controller.
- Portable & easy to carry with no variation in guide laser.