AR PHOTONICCS

Get Perfect Body Shape

Laser For Liposuction

Laser 15 Watt/1470nm For Liposuction

www.photoniccs.com

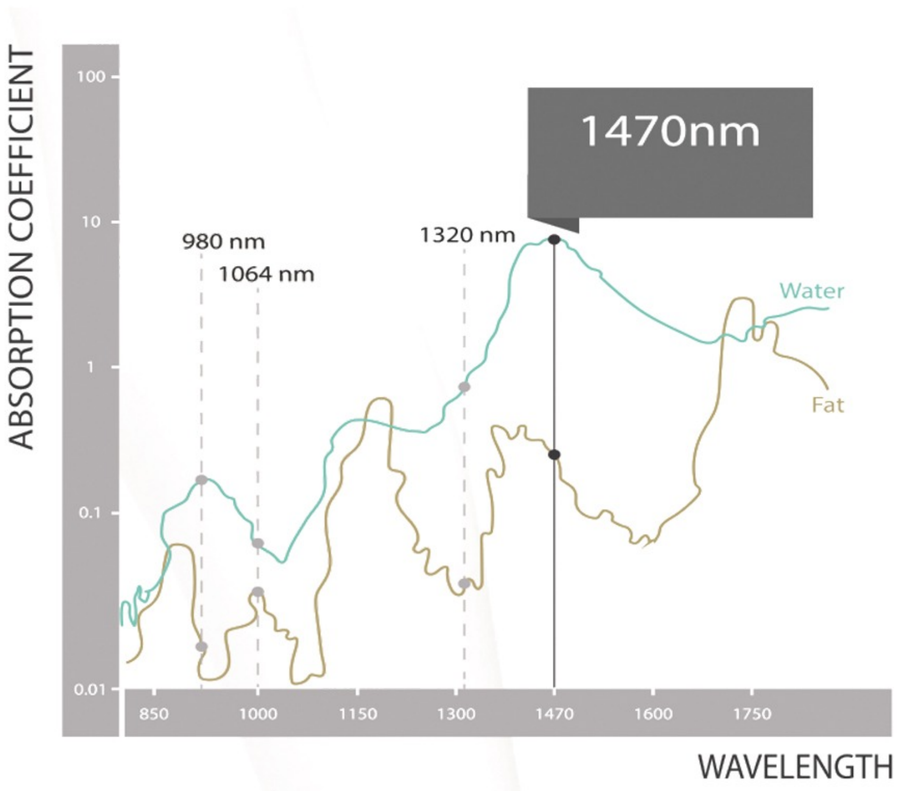
Laser Technology

Laser powered by the 1470nm diode device along with recent innovations brings the cutting edge technology to Tumescent Liposuction, including targeted fat removal with minimal bleeding and bruising with less physician exertion and a faster recovery in patients.

The Laser system consists of a 1470nm wavelength device, which specifically targets fat-water absorption with the combined capability of infiltration and suction. The device has an integrated cannula and fiber interface for simultaneous lasing and suction.

Photoniccs device is most beneficial in the treatment for efficient fat-emulsification and removal of fatty tissues.

The unique radial and bare emitting fiber of the device helps in wider and even-heat emission distribution, with precise temperature control capabilities. The results are improved skin tightening, reduced procedure time, high-fat viability for successful grafting and superior clinical results.



Optimal Wavelength

Photoniccs laser device operates in the 1470nm wavelength, which precisely targets water in soft tissues. It features a higher absorption rate of water and fat than all other competing devices. The device allows for optimized fat removal, with minimum tissue damage. Laser energy is delivered at a low power density for maximum safety, minimizing the risk of burns.

Skin-Safe Fiber

Photoniccs laser features the radial and bare emission fiber technology integrated into the equipment.

Laser emission technology is a low-power density approach in Liposuction treatment with multiple benefits including minimizing the risk of burns, distributing the energy evenly throughout the treatment area, removing fat cells more quickly and covering larger tissue area allowing for faster treatment.

The fiber's emission pattern allows for safe, homogenous and more efficient skin tightening during the procedure.

Liposuction Cannula

Liposuction cannula helps break up fatty tissue so that it can be easily suctioned and removed from the body. Small precise oscillations allow surgeons to target specific areas safely without damaging the surrounding tissue. This technique is especially useful for treating areas with dense and fibrous adipose tissue.

Cannula combined with simultaneous lasing and suction allows surgeons to remove fat more quickly with ease and less manual force. This results in less bruising and shorter recovery time and more comfortable experience for both surgeon and patient.

- Minimally Invasive
- No Downtime
- Wonderful Results

Laser Liposuction is a cosmetic surgical procedure to reshape and to slim specific areas of the body by removing excess fat deposits and improving body contours. It is also called body contouring.

The liposuction procedure can be done on any part of the body, where the fat deposit usually collects, such as thighs, hips, buttocks, abdomen, waist, chest area, upper arms, back, cheeks, neck and calves. It can remove even small areas of fat that are difficult to lose through exercise or a healthy diet.

The advancement in laser technology, in today's world, has made the liposuction a safe and easy treatment procedure.

Benefits of Laser Liposuction

- Safely remove fat.
- Raise self-esteem and confidence.
- Health conditions improve due to fat loss.
- Reshapes those areas of the body where exercise and diet have failed.
- Reduce pressure on blood vessels, thereby improving blood circulation.

AREA OF TREATMENT

For Liposuction

Specification

Laser type	Diode, Semiconductor
Wavelength	1470nm
Max Power	15 watts
Aiming beam	635nm, < 5mw
Operation Mode	Continuous or pulsed
Pulsed Time	0.05ms~1000ms
Beam Delivery	SMA905 connector
Optic Fiber Compatible	Optic fibers having a core from 200um to 1000um, NA=0.22~0.48
Beam Emission Initiation	Footswitch
Controller	Microprocessor
Display	10.1’’ IPS with touch panel Medical approved
Cooling	Internal, air and thermoelectric cooling
Power supply of the laser	DC 24V/8.33A from the separate AC
Power supply of AC adapter	Single phase 100~240VA; 50-60HZ, Max 90w
AC Adapter	DC 24V/8.33A Medical approved
Laser Dimensions	27cm* 11cm*19 cm length*width*height
Laser weight	2.75kg
Laser case dimensions	56cm × 35cm × 23cm
Weight of laser with cases	9kg
Environmental conditions during work	From +10 to 24^{0}C degree, relative humidity from 30% up to 60%
Cass of Medical Device	IIB
Laser safety Class	4
Electric Safety Class	I type B
Housing Protection Degree	Ip20b
Footswitch Protection Degree	IPX6

Before and After

Laser Liposuction

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