stomdevice

GIGAA LASER



# Lasers for Beauty

Wuhan Gigaa Optonics Technology Co.,Ltd.

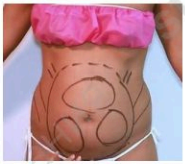
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**LASER LIPOLYSIS** is recognized as an effective, non-surgical solution for fat removal and body reshaping. Its appeal lay in the procedure's ability to treat localized fat deposits and correct body asymmetries with apparent decreased risk compared to traditional liposuction. The energy emitted by the laser uses volumetric heating to destroy fat cells, contract skin and stimulate collagenesis. After long time clinical comparision, it has been found that the 980 nm diode laser is consistently successful in inducing the required fat-heat and skin-heat interactions necessary for optimal results in 2012.

Now, the 1210nm wavelength has absorption-affinity for Lipid-Rich Tissue and has demonstrated to stimulate adipocytes and mesenchymal cells of the subcutaneous tissue, with a new concept: Selective Photothermostimulation (SPS). The application in Liposuction of this wavelength is determined by its preservation of the integrity of adipocytes, making possible the use of these materials for fat grafting in Liposculpture, Breast Reconstruction or as filler in Face Rejuvenation, proven that this technique is less traumatic.




Although laser lipolysis is not intended to replace traditional liposuction, it offers patients a procedure that yields similar benefits with fewer complications and faster recovery.


*Fat test*


*Anesthesia*


*Make a incision*


*Set parameter*


*Laser melt fat*

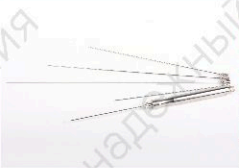

*Get liquefied fat out*

## Bare fiber



| |
|---|
| Length: 3m |
| Sterile packaging (ETO) |
| NA 0.37 |
| 400μm/ 600μm |
| SMA 905 connector |
| |

## Liposuction handpiece



| |
|---|
| Stainless steel |
| Length: 108.5mm |
| Diameter: Φ1 2.5mm |
| 5 pcs Cannulas size: |
| 100/ 150/ 200/ 250/ 300mm |
| 400μm/ 600μm suitable |
| Laser liposuction |

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# LIPOSUCTION

| | | |
|---|---|---|
| Type | VELASII-15D/E | VELASII-30B |
| Wavelength | 1470nm/1210nm | 980nm |
| Maximum Power | 15w | 30w |
| Operation Mode | CW, Single Or Repeat Pulse | |
| Pulse Duration | 10μs-3s | |
| Repetition Rate | 0.2Hz-20KHz | |
| Pilot Beam | Red Diode Laser Of 650nm, Power<5mW | |
| Control Mode | Touch Screen, 8" True Color | |
| Dimension | 200(H)*400(W)*385(L)mm | |
| Lifetime | Over 20000 hrs | |
| Warranty | 12 months free warranty, 5 years technical support | |
| Weight | 12Kg | |
| Packing | Carry case with carton | |

## ABOUT GIGAA

GIGAALASER is specializing in the design, manufacture and sale of medical diode lasers and accessories. Our products cover some disciplines of human, dental and veterinary medicine. For each discipline, a broad range of high quality accessories is available.

We have a strong emphasis on research and development, production, service and training. Working in conjunction with hospitals and physicians is just as important as good communication.

During April 2010, GIGAALASER have completed a new financing platform for cooperation. The Biolake which is China's largest medical bio-industry base has regarded our company as the largest manufacturer of medical diode laser systems and offered us new investment. We will take full advantage of this new platform, using the development, production, financial, human and other resources to accelerate the development. We will continue to provide new medical technology and good service to our honorable customers.

**Wuhan Gigaa Optronics Technology Co.,Ltd.**

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