Lipolysis

Laser lipolysis is the latest technology in fat reduction, which uses laser to dissolve fat, the cell membranes are broken up during this process. The thin fat lysate is released and it is either resorbed naturally or extracted manually by suction. The compatible operation kits for lipolysis by GIGAA LASER will provide a wide range of application in body and a totally new experience for patients.

Multiple solutions for your clinical needs

PLDD (Percutaneous Laser Disc Decompression)

Percutaneous laser disc decompression is the use of laser thermal effect and prominent vertebral Vaporization of disc nucleus and form part of the space, reducing the pressure inside the disc, from the Reduce or eliminates the oppression of the nerve, which achieve the purpose of treatment. The therapeutic method of the laser treatment for PLDD.

ENT (Ear, Nose and Throat)

- Dacryocystorhinostomy (DCR)
- Turbinectomy
- Nasal polypectomy
- Tonsillectomy
- Glossectomy
- Endo sinus surgery
- Stapedectomy
Phlebolog/Endovenous Laser Treatment

- Great saphenous vein
- Small saphenous vein
- Perforating vein

Dentistry

- Internal decontamination
- General surgery (cutting)
- Therapy
- Tooth whitening
- Surfaces of teeth
- Internal gingivectomy

Main Advantages

Based on the experienced R&D administration team, Gigaalaser focuses on the medical diode laser system and accessories for application in a wide range of medical specialties. Using the perfect Chinese resource industry, we provide the high quality and the cost effective new type medical laser systems to the clients all over the world.

New friendly used protocol
Big color touch screen
Output power calibration at the end of fibers

Highly integrated and modular design
New design inside to make maintenance easy and low cost
High quality and reliability

Technical Specifications

<table>
<thead>
<tr>
<th>Laser Type</th>
<th>GaAlAs diode Laser</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>VELAS II 15 A/B/D, VELAS II 30 A/B, VELAS II 60 A/B/C</td>
</tr>
<tr>
<td>Wavelength</td>
<td>810 nm/980 nm/1470 nm, 810 nm/980 nm, 810 nm/980 nm/940 nm</td>
</tr>
<tr>
<td>Maximum Power</td>
<td>15 W, 30 W, 60 W</td>
</tr>
<tr>
<td>Operation Mode</td>
<td>CW, Single or Repeat Pulse</td>
</tr>
<tr>
<td>Pulse Duration</td>
<td>10 μs-3 s, 10 ms-3 s</td>
</tr>
<tr>
<td>Repetition Rate</td>
<td>0.2 Hz-20 KHz, 0.2 Hz-50 Hz</td>
</tr>
<tr>
<td>Fibers</td>
<td>Fibers of 200 μm, 400 μm, and 600 μm with SMA905 connector (200 μm only could be used on VeLas II 15 B)</td>
</tr>
<tr>
<td>Pilot Beam</td>
<td>Red Diode Laser of 635 nm, Power&lt;5 mW</td>
</tr>
<tr>
<td>Control Mode</td>
<td>True Color Touch Screen</td>
</tr>
<tr>
<td>Voltage/Current Rating</td>
<td>110/220 VAC, 5 A, 50/60 Hz</td>
</tr>
<tr>
<td>Dimensions</td>
<td>400 (W) x 385 (L) x 200 (H) mm</td>
</tr>
<tr>
<td>Weight</td>
<td>12.9 Kg, 13.4 Kg</td>
</tr>
<tr>
<td>Safety Compliance</td>
<td>CE 0482</td>
</tr>
</tbody>
</table>

The laser systems involve to Urology, EVLT, ENT, Dental, Gynecological, Orthopedic, Plastic surgery and other areas. Each year, we develop at least one new laser system, to bring the new technology and application, safety and health for the patients.
**Accessories**

**Standard**
- Safety Goggle
- Fiber Cutter
- Foot Switch
- Fiber

**Optional**
- Dental Handpiece
- Bleaching Handpiece
- ENT Handpiece
- Lipolysis Handpiece
- Focus Handpiece
- Therapy Handpiece
- Fiber Stripper
- EVLT kit
- TW Handpiece
- GYN handpiece
- PLDD kit

[Logos and certifications]