TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>Two models, 808nm or 976nm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wavelength</strong></td>
<td></td>
</tr>
<tr>
<td>976nm: 0.1-16W@pulse mode, 0.1-10W@CW mode</td>
<td></td>
</tr>
<tr>
<td>808nm: 0.1-12W@pulse mode, 0.1-7W@CW mode</td>
<td></td>
</tr>
<tr>
<td><strong>Power Output</strong></td>
<td></td>
</tr>
<tr>
<td>10µs-0.9s</td>
<td></td>
</tr>
<tr>
<td>Up to 50kHz</td>
<td></td>
</tr>
<tr>
<td><strong>Pulse Duration</strong></td>
<td></td>
</tr>
<tr>
<td>200µm, 300µm, 400µm</td>
<td></td>
</tr>
<tr>
<td>100-240VAC, 50-60Hz</td>
<td></td>
</tr>
<tr>
<td><strong>Tip Diameter</strong></td>
<td></td>
</tr>
<tr>
<td>200µm, 300µm, 400µm</td>
<td></td>
</tr>
<tr>
<td>100-240VAC, 50-60Hz</td>
<td></td>
</tr>
<tr>
<td><strong>Power Supply Input</strong></td>
<td>Li-ion Rechargeable. Last for one week with normal use</td>
</tr>
<tr>
<td><strong>Battery Pack</strong></td>
<td>138 x 124 x 168 mm, 1.3 kg</td>
</tr>
<tr>
<td><strong>Size / Weight</strong></td>
<td></td>
</tr>
</tbody>
</table>

APLICATIONS

<table>
<thead>
<tr>
<th>Surgery</th>
<th>Periodontology</th>
<th>Endodontics</th>
<th>Bio-Stimulation</th>
<th>Cosmetics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gingivectomy/Gingivoplasty</td>
<td>Periodontal Pockets</td>
<td>Peni-implantitis</td>
<td>Root Canal Disinfection</td>
<td>Gingival Recontouring</td>
</tr>
<tr>
<td>Implant Uncovery</td>
<td>Pulpotomy</td>
<td>Temporary Pain Relief</td>
<td>TMJ Disorders</td>
<td>Gingival Pigmentation</td>
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<tr>
<td>Operculectomy</td>
<td>Root Canal Disinfection</td>
<td>Temporary Pain Relief</td>
<td>TMJ Disorders</td>
<td>Gingival Pigmentation</td>
</tr>
<tr>
<td>Frenectomy/Frenotomy</td>
<td>Root Canal Disinfection</td>
<td>Temporary Pain Relief</td>
<td>TMJ Disorders</td>
<td>Gingival Pigmentation</td>
</tr>
<tr>
<td>Hemostasis</td>
<td>Root Canal Disinfection</td>
<td>Temporary Pain Relief</td>
<td>TMJ Disorders</td>
<td>Gingival Pigmentation</td>
</tr>
<tr>
<td>Troughing</td>
<td>Root Canal Disinfection</td>
<td>Temporary Pain Relief</td>
<td>TMJ Disorders</td>
<td>Gingival Pigmentation</td>
</tr>
<tr>
<td>Aphthous Ulcers</td>
<td>Root Canal Disinfection</td>
<td>Temporary Pain Relief</td>
<td>TMJ Disorders</td>
<td>Gingival Pigmentation</td>
</tr>
<tr>
<td>Fibroma</td>
<td>Root Canal Disinfection</td>
<td>Temporary Pain Relief</td>
<td>TMJ Disorders</td>
<td>Gingival Pigmentation</td>
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<tr>
<td>Epulis</td>
<td>Root Canal Disinfection</td>
<td>Temporary Pain Relief</td>
<td>TMJ Disorders</td>
<td>Gingival Pigmentation</td>
</tr>
<tr>
<td>Crown Lengthening</td>
<td>Root Canal Disinfection</td>
<td>Temporary Pain Relief</td>
<td>TMJ Disorders</td>
<td>Gingival Pigmentation</td>
</tr>
</tbody>
</table>

SOLASE DENTAL DIODE LASER

LAZON MEDICAL LASER CO., LTD.
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Fax: +86–24–31610407
Email: service@lazonlaser.com
Web: www.lazonlaser.com

www.lazonlaser.com
In a modern dental office, patients have come to expect treatment that is high quality, minimally invasive with less bleeding, comfortable with less pain and patient-friendly. Incorporating dental lasers into conventional therapies helps in better prognosis and treatment outcomes. The laser has expanded into all aspects of dentistry: endodontics, oral and maxillofacial surgery, periodontics, aesthetic dentistry, restorative dentistry, and dental implantology. Encouraged by ever-increasing evidence of the safe and effective use of dental lasers, there are a growing number of dentist embracing the technology and appreciating how their patients can benefit.

**DENTAL LASER**

- Less bleeding in the tissue
- Painless, no need for anesthesia
- Safe to metal such as implant
- Little side-effect on the surrounding tissue
- Low probability of cross-infection with disinfection effect
- Faster postoperative tissue healing. Small scar with good appearance
- Slight discomfort after surgery with pain relief effect

**ELECTRIC KNIFE OR SCALPEL**

- More bleeding by scalpel
- Strong sense of pain by scalpel, need for anesthesia
- Difficult to operate. Time-wasting. Low precision. The electric knife is dangerous to the medical device on the patient
- Electric knife is forbidden around the implant and metal crown
- Obvious contraction of surrounding tissue. More serious heat affected zone
- Antibiotics need to be taken after the operation by scalpel
- Slow healing with obvious scar
- Severe postoperative swelling with strong discomfort

**BENEFIT FROM LASER**

- Simple and efficient operation. Time-saving
- High precision, No noise, No vibration
- Low probability of cross-infection with disinfection effect
- Faster postoperative tissue healing.
- Small scar with good appearance
- Slight discomfort after surgery with pain relief effect

**PATIENT RECORD**

To save your patient information, treatment settings, photos, video, notes and treatment effect evaluation.

**APP UPDATING**

Update the APP in the first time to get the latest features for your SOLASE laser

**SELF-LEARNING**

The APP includes built-in operating instructions, user manual, and instructional video.

**MULTI-ACCOUNT**

Every dentist can have an account protected by their own password.

**UNLIMITED CUSTOM PRESET**

The user can save an unlimited number of custom presets.

**CLOUD BACKUP**

All data can be backed up to the Cloud and saved in private.

**OFFLINE MODE**

Check your data anywhere without the laser by your side.

**SMART TIP INITIATION**

The APP identifies the indication and automatically turns on or off the tip initiation.

**TO BE YOUR SMARTEST ASSISTANT**
The power and lifetime of diode laser drop about 50% for every 20°C rise in temperature. Therefore, temperature instability will seriously lead to power drift and performance loss. To solve the common problem of poor repeatability of treatment due to inaccurate and unstable laser power, SOLASE Laser developed over five years for its advanced DPSS technology to achieve perfect laser power accuracy and stability and ensure consistent treatment effect.

**SUPER-SHORT LASER PULSES**

Super-short laser pulses have been proven to effectively reduce the charring of tissue and accelerate the postoperative healing. SOLASE Laser generates the shortest laser pulse in the market – up to 10µs of pulse duration and 50kHz of repetition rate.

**FOR BEGINNER**

- 30+ factory-loaded presets
- Step by step operating guide
- Easy installation and intuitive operation
- Plenty of reference material: video, literature, quick start, user manual...

**FOR PROFESSIONAL**

- All parameters adjustable
- Patient records
- Pulse Interval or frequency display, Time or Energy display
- Time count-up or count-down
Long and non-uniform laser irradiation will seriously increase pulp chamber temperature and may cause irreversible pulpal damage. LAZON provides the world’s first full-mouth whitening handpiece to reduce the irradiation time to 1/4 of the conventional quarter mouth handpiece, with excellent uniform illumination to ensure same whitening effect on each tooth and to prevent pulpal damage due to intense local illumination.

**WHITENING HANDPIECE**  
**FULL-MOUTH FLAT-TOP WHITENING HANDPIECE**

Laser spot of whitening handpiece from LAZON: large and uniform  
Laser spot of whitening handpiece from others: small and non-uniform

**THERAPY HANDPIECE**  
**LASER SPOT DIAMETER 10-30MM ADJUSTABLE**

The diameter of our new designed therapy handpiece can be adjusted from 10-30mm to cover the affected area with different size.  
- All metal construction, rugged and durable  
- Autoclavable spacer to prevent cross-infection

**BIOSTIMULATION HANDPIECE**  
**DEEPER PENETRATION BY COLLIMATED LASER BEAM**

Our specially designed biostimulation handpiece makes collimated laser beam, which can penetrate into the deeper tissue to get a better laser therapy effect.

**FastFiber TIPS**  
**PRE-INITIATED TIP WITH PEEL-RESISTANT COATING**

FastFiber tips are disposable and autoclavable. It is ready to use, no need for fiber stripping and cutting. It saves your time and avoids cross-infection. LAZON has developed a new pre-initiated tip with a durable, peel-resistant black coating. The special coating withstands high temperature during laser cutting, ensuring a smooth and fast surgical treatment.

**EcoFiber HANDPIECE**  
**LOW COST AND DURABLE FROM BREAKING**

The EcoFiber handpiece not only has the advantage of low cost as traditional strippable fiber but is also durable and easy to replace. The fiber inside has high reliability and is not easy to break. At the same time, it is perfectly compatible with our unique full-mouth whitening handpiece and therapy handpiece.
BYE-BYE, MR. CABLE

- Built-in Li-ion battery for over one week use.
- All Bluetooth connection among base units, wireless footswitch, and your mobile device.
- Only weigh 1.3kg, as easy as carrying a laptop.
- Can be placed on any available surface.