808nm Diode Laser Hair Removal Machine-DIOD-III

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1. **Attention**: 

1. When you receive the machine, please don’t turn it on immediately. Because of long transportation for the machine, and we design an inner cooling chiller. Different country’s climate is different. So we suggest clients to wait one day, then add distilled water and operate the machine again. It is good for the machine as this way.

2. Once you turn off the machine, must turn it on again 45 seconds later. Because Diode laser voltage is high. Once turn off, it needs time recharge it is better for machine use life!

4. Must add Distilled Water or Pure Water!

5. All persons in the vicinity of the system must wear protective glasses and goggles.

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**Attention:**

1. Once you do not use the machine, Must make as Lower as picture.
Never stare directly into the intense pulsed light emitted from the front end of the headpiece.

Keep ignitable and explosive stupefacient, liquid and gas, including alcohol, nitrous oxide and oxygen, away from the radiation of the light, and safety measures should be taken.

Ornaments that reflect light, such as Jewellery, should always be taken off by the patient and operator.

1. The patient should be provided with adequate protection for the eyes, such as protective eyewear.

2. Always place the headpiece back in its cradle after use.

3. It is recommended that a warning sign be placed at the entrance to the treatment room whenever the system is in use.

4. Initial treatments should use the lowest energy setting to ascertain the reaction to the skin using the Fitzpatrick Scale as a guide.

Once you use machine. Set as picture status show...to make good contact cooling
2. **Accessories and descriptions**

2.1. **System Description**

The main system consists of: the power supply, computer control system, cooling system, Diode Laser headpiece.

2.1.1. **Technical Specifications**

<table>
<thead>
<tr>
<th>Diode Laser Specification</th>
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</thead>
<tbody>
<tr>
<td>Laser Type</td>
<td>808nm Diode Laser</td>
</tr>
<tr>
<td>Sapphire size</td>
<td>11x18mm</td>
</tr>
<tr>
<td>Energy Density</td>
<td>1 ~ 120j/cm²</td>
</tr>
<tr>
<td>Repetition frequency</td>
<td>1 ~ 10HZ</td>
</tr>
<tr>
<td>Pulse Width</td>
<td>1 ~ 800ms</td>
</tr>
<tr>
<td>Cooling Level</td>
<td>5 Levels adjustable</td>
</tr>
<tr>
<td>Output Power</td>
<td>2000W</td>
</tr>
<tr>
<td>Voltage</td>
<td>AC 110V/220V, 60Hz/50Hz</td>
</tr>
</tbody>
</table>

2.1.2. **System Specifications**

- Package: Aluminous with Foam
- Dimensions: 66*61*137 (mm)
- Net Weight: 70KG
- Gross Weight: 80KG

**Spot Size: 11x18mm**
3. Operation

Once machine is turn on, screen will show above interface, press will enter into followed interface.

Choose the working mode you want, HR (Hair removal), FHR (Fast Hair Removal), SR (Skin Rejuvenation). Press HR Mode into next interface as below.
Choose the correspond skin type, sexual and treatment area on this interface, Then enter the parameter setting interface.

Press **SET** button to set FLUENCE.FREQUENCY, after set well. Press **OK** And Set **SKIN COOLING** to Maximum when you will use laser.
If choose **FHR** Mode to enter into Fast Hair Removal Interface just choose Corresponding Energy with Frequency, that is ok

If choose **SR** mode, it will enter into SKIN REJUVENATION, Just choose SOFT /COMPORTABLE/EFFECTIVE to suitable different area treatment
4. **Diode Treatment for Laser Hair Removal**

Pre- and Post-Treatment Instructions

In order to provide you with the best possible service we ask that you carefully Review these Pre- and Post-Treatment instructions for the DIOD-I Diode treatments for laser hair removal and ask any questions necessary to help you fully understand them. If you have any questions about these instructions, please discuss them with us prior to treatment. To obtain maximum benefit from your treatments, it is crucial that you understand and adhere to these instructions. Failure to comply with these instructions may affect your treatment outcome and increase the likelihood or severity of complications. We are confident that if you follow these instructions, you will be pleased with the results of your treatments.

**Pre-Treatment Instructions**

1. Please follow all guidelines in the Laser Hair Removal consent form. Discuss your medical history (medications, allergies, Fitzpatrick skin typing and any tendency for scarring or poor healing) with your laser technician.

2. Do not use any medications that cause photosensitivity for at least 6 weeks prior to laser treatments. If you are taking a prescription medication that causes photosensitivity, please contact your prescribing physician to discuss your options.

4. Avoid depilatory (hair removal) creams, plucking, waxing or electrolysis for at least 6 weeks before laser treatments.

5. Do not use Accutane (or products containing isotretinoin) for at least 6 months prior to laser treatments.

6. Do not use Retin-A (or products containing tretinoin) for at least 2 weeks prior to laser treatments.

7. The treatment area must be free of any open sores, lesions, or skin Infections.
On the day of your appointment:

1. Shave the area to be treated. If the hair in the treatment area is very sparse, please let us trim the area at the time of your treatment as this allows us to better define the treatment area.

2. Gently wash the area to be treated and do not apply creams, lotions or other products to the area except a topical anesthetic (if being used).

3. If you have elected to use a topical anesthetic, do so only after reviewing all cautions associated with its use. Apply and use as directed prior to arrival.

4. Dress so that you may modestly expose the treatment area.

5. If you choose to, you may take over the counter anti-inflammatory medication such as ibuprofen to arrival.

6. Please arrive 15 minutes early for your first appointment and 10 minutes early for subsequent appointments. This will allow time for necessary paperwork and keep you on schedule, please be on time for your appointments.

Post-Treatment Instructions

1. You may have a mild sunburn sensation following treatment that is usually gone within a few hours. Skin redness, mild bruising and/or slight edema (swelling) are normal and may last a few days. You may take over-the-counter anti-inflammatory medication (such as ibuprofen) medication as desired. Avoid sun exposure. If sun exposure is unavoidable, you should use sunblock (SPF 30 or greater) for 4 to 6 weeks following your treatment. We recommend Revision Intellishade SPF 45.

2. Keep the treated area clean and dry for the next several days, gently washing twice daily. The pores will be open and you should not apply heavy creams or lotions as these may plug the pores and cause complications. Alchimie Q-Switch post lotion is recommended in a light application to the treatment area twice a day for several days.

3. An over-the-counter ointment healing (such as Aquaphor) may also be used if
blisters develop. Ice packs or cool compresses are especially useful for the first few days. Avoid heat and do not use warm compresses. The treatment area may be left open and uncovered with no bandage or special dressing needed. Loose and comfortable clothing is recommended.

4. Do not scrub or exfoliate the treatment area for 7 days. Do not use chemicals or medications (other than those referred to in these Instructions) on the treated area for one week.

5. **Great Attention**

We solemnly announce that for others’ and your safety:
All operators must receive training in application technique and security knowledge about Diode Laser hair removal technology. The operators must pay great attention to the potential danger of beams of laser light!
Only the maintainers of or authorized by our company can repair and maintain the rejuvenator.

**Special Attention**

Both customers and operators’ eyes must be protected, *Never see laser light directly!*

**Warning**

Any operation against the instructions of this Manual would possibly result in injury or danger!
## 6. Troubleshooting

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<thead>
<tr>
<th>SYMPTOMS</th>
<th>POSSIBLE CAUSES</th>
<th>ACTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>After the main power is on, the indication on the screen does not light</td>
<td>The supply voltage is short</td>
<td>Check the required supply voltage is 230V AC or not</td>
</tr>
<tr>
<td></td>
<td>The power plug has not been properly plugged.</td>
<td>Tighten the plug</td>
</tr>
<tr>
<td></td>
<td>The emergency switch is pressed.</td>
<td>Turn the red emergency button clockwise release Emergency Button.</td>
</tr>
<tr>
<td>There is no light output, but the system seems running normally</td>
<td>Working button on headpiece is not pressed or broken</td>
<td>Change button</td>
</tr>
<tr>
<td></td>
<td>Power board problem</td>
<td>Repair Power board or change it</td>
</tr>
<tr>
<td></td>
<td>Adjust the energy to zero</td>
<td>Adjust the energy to suitable parameter</td>
</tr>
<tr>
<td>Screen Show “No Water”</td>
<td>Screen flash “No Water” and have DiDiDi</td>
<td>Check Headpiece connection plug water tube is folded or not</td>
</tr>
</tbody>
</table>

### Warranty

1. All products are strictly tested before sale. We can guarantee one-year free repair from the date of purchasing. During the guarantee period, we will repair the machine by free if the malfunction is caused by the quality of our product.  
2. The standard of operation and environment should comply with the product specification.  
3. Malfunctions caused by the following reasons are out of the scope of our guarantee: a. Malfunctions caused by abused operation b. Malfunctions caused by other artificial factors like move or tear down in proper motion, or collision, etc. c. Energy reduce caused by wet environment and dust d. Malfunction caused by uncontrollable natural force e. Spare parts and accessories of this machine
Clean Laboratory Laser Bar Install
Professional Production Line