

# User Manual

MS-21Y2

## Big LED Laser Paddles



# Preface

Dear Users:

We're pleased to present to you the *635&650nm Laser 5mw Slimming Cellulite Removal Machine 2 Big LED Laser Panels*. It's a slimming device for home use and works great on body shaping, fat dissolving, weight loss, and achieves safe and effective results with the help of high-end technology. *635&650nm Laser 5mw Slimming Cellulite Removal Machine 2 Big LED Laser Panels* are professional body slimming and weight loss gadgets, which needs to be handled by professionals with proper training. Any improper use will result in adverse consequences. Therefore we advise any personnel read this manual thoroughly and apply with the instructions strictly before operation.

We believe our quality product will bring in good returns on your end. Also, you can count on our worry-free after-sales service.

Thank you!

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# Part I

## Brief Introduction

Laser fat dissolving beauty machines are currently the most popular beauty machines that work on slimming and body-shaping. It's an effective replacement of all the facial and body care programs in beauty salons. Moreover, they are convenient and easy to operate. It solves both skin and body management issues for beauty-lovers. This equipment requires no injection, no medication, no operation, thus having no side-effects. It is used externally during the whole process and has an immediate effect. Laser penetration is very strong, can effectively activate or repair fat cells, can penetrate the fat layer so that subcutaneous fat are dissolved by heat. It is safe, has no side effects, and brings no pain.

## Advantages

1. The laser can dissolve fat effectively.
2. The procedure can be completed without surgery and anesthesia.
3. Painless, non-invasive during the process. Skipping any recovery periods without affecting any work and life plans.
4. No consumption, low cost and quick returns.
5. Unevenness, bleed, swelling and stasis will not appear after treatment.
6. Laser fat-dissolving: even fat-dissolving, smooth skin without any mark, safe and painless.
7. The laser wavelength can penetrate the fat layer, allowing subcutaneous fat to be heated and dissolved through our body's natural metabolic process to be absorbed and excreted.

## Working Principle

Laser fat-dissolving device uses red laser with a wavelength of 635nm-650nm, which is a visible spectrum. This wavelength of light has a strong penetrating power, which can effectively activate and repair fat cells, penetrate the fat layer, and dissolve subcutaneous fat by heat. Its treatment method is safe, without side effects or pain.

Low levels of laser energy chemical signals are sent to fat cells to break down triglycerides stored in the body's fat layer into free fatty acids and glycerol and release them through membrane channels. Fatty acids and glycerol are transported to tissues that produce metabolic energy. The release of fatty acids is a natural response when the body needs to use stored energy reserves, so there is no unnatural reaction in the body, nor does it affect or damage surrounding structures such as skin, blood vessels and peripheral nerves. After a period of exercise therapy, it will ensure that the free

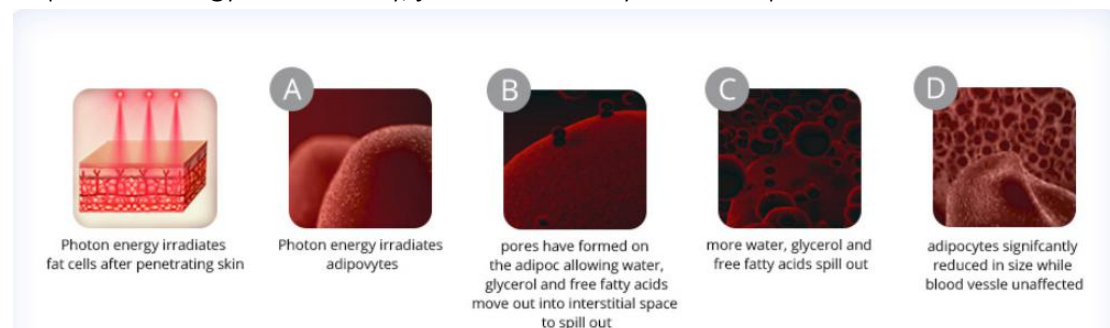
fatty acids of the body are eliminated through complete metabolism.

### Biological Effect

LED uses 635nm - 650nm LED laser heating fat cells in the target zone to make it decompose. In a very short period of time, fat deposition is only absorbed by our body's natural metabolic processes and discharge. In the process of operation, the laser seal small blood vessels, significantly reduce the injuries, introduce the heat treatment area, stimulates the production of collagen, to make it smooth and tight and also achieve the effect of body-sculpting.

Laser mainly acts as a low-energy laser (biological stimulation) to reach fat in depth. It stimulates biological cells and induces or strengthens a series of physiological reactions by giving appropriate energy, including promoting local blood circulation, regulating cell function, enhancing immune function and promoting cell metabolism. It can at the same time tighten skin, wrinkles, reduce fat, and shape body. Laser penetrating power is very strong, and can activate or repair fat cells more effectively. It can also penetrate the fat layer, heat up and dissolve subcutaneous fat. The treatment method is safe, and has no side effects, no pain.

Using the latest non-operative, non-invasive laser fat decomposition technique, low levels of laser energy released. It produce a kind of chemical signals in the fat cells that will dissolve the trioxide triene stored in body into free fatty acid, glycerin and water molecules. And this is the natural reaction when using the energy reserves one need. The free fatty acids are transported into the body through the lymphatic system to provide energy for the body, just like the body would respond when lack of heat.



### Effects

1. Dissolve fat cells and speed up metabolism.
2. Improve local obesity, reduce fat and eliminate fat, and eliminate obesity.
3. Improve skin sagging and aging, tighten and shape.
4. Firm and elastic skin.
5. Dissolve fat to create the perfect curves.
6. Reduce fat accumulation.

### Applicable Range

1. Those with a pear-shaped body caused by sitting for long periods of time.

2. Those with flabby arms.
3. Those with fat legs.
4. Those with skin sagging and laxity.
5. Those with obesity caused by binge eating.
6. Those with loose abdomen, prominent belly, fat waist, atrophy lines.
7. Those with unwanted fat on waist and abdomen.
8. Those with outward expanding hips that have excessive and unwanted fat.

## **Inapplicable Range**

1. Those who are during pregnancy or lactation.
2. Those with heart disease or are quipped with pace maker.
3. Those who are still recovering from surgery or with unhealed wounds.
4. Those with epilepsy, severe diabetes and hyperthyroidism.
5. Those with malignant tumor, hemophilia or severe bleeding.
6. Those with skin disease and contagious diseases.
7. Do not use around metal, plastic, silicon implants.
8. Those with long-term or ongoing use of anticoagulants, vasodilators, corticosteroids and other drugs.

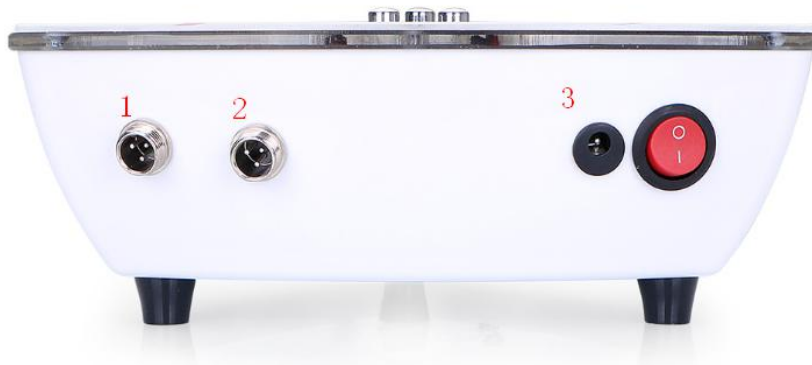
## **Notes after Operation**

1. Keep warm after operation. Do not eat cold food.
2. 4-6 hours later in the shower.
3. Drink more warm water to replenish water and speed up metabolism.
4. Refuse to overeat or stay up late.
5. Avoid spicy, cold, and raw food; sleep enough hours.
6. Avoid wearing crop top, backless, miniskirts and shorts, etc.

# **Part II**

## **1. Detailed Operation**

Detailed installation is as follows:



**1&2 Laser Pads**  
**3 Power Supply**

After checking that the instrument is connected properly, the following starting interface will appear when the power supply is turned on.



Main Panel



Mode

It is advised to select consecutive mode to better reduce fat accumulation



Energy (1-5 bars)

Reference Energy Level: 4-5 bars



On/Off



Power button

How To Use:

1. Connect laser pads and power supply with the device.
2. Click on the power button to turn on the device.
3. Wrap the strap around the intended treatment area.
4. Fixate the two laser pads using straps.
5. Adjust laser pads' energy level and mode.
6. Start the treatment.

Shown as below:



## 2. Technical Parameters

Treatment Area: Body

Measure of Treatment Area: 75cm<sup>2</sup>

Max. Output Power: 10\*5mw

Wavelength of Lipo Laser: 650nm

## 3. Safety Precautions

Please consult your doctor or professionals before using the device if you have the following symptoms:

1. Those who are in pregnancy or lactation.
2. Those who have heart disease or have been implanted with a pacemaker.
3. Those whose surgical wound is not healed.
4. Those with epilepsy, and severe diabetes and hyperthyroidism.
5. Those with malignant tumors, hemophilia or severe bleeding.
6. Those with skin diseases and infectious diseases.
7. Avoid wearing metal jewelry during operation.
8. Do not use around metal, plastic, silicon implants.
9. Do not use for those with long-term or ongoing use of anticoagulants, vasodilators, corticosteroids and other drugs.

## 4. Dos and Dont's

1. Use a grounding pin and make sure the power socket of the device is properly



connected before each operation.

2. Ensure that the voltage of the device is appropriate. If the voltage of the local power supply is unstable, we recommend that users increase to the matching power voltage.
3. In order to ensure the therapeutic effect and normal service life expectancy of the device, please use the specified accessories provided or recommended by the original manufacturer.
4. The device should not be placed in wet environment or near water, nor should they be directly exposed to sunlight.
5. Do not place the device near a strong heat source, because this may affect the life and normal use of the device.
6. Before treatment, please remove all metal objects from the body first, so as to avoid unexpected conditions and influence the curative effect.
7. Please restrain from using the device on eyes, thyroid, parathyroid, testicles, abdomen of pregnant women, and pacemakers.
8. Patients who are suffering from illness should consult with a doctor and gain permission from the doctor before using.
9. Please turn off the power switch of the device, and ensure that the total power supply of the device is turned off before the staff leaves after daily use, so as to ensure the safety of the electrical products.
10. Use device or train device operators in strict accordance with instructions in the user manual.
11. When taking other weight-loss drugs, it is recommended to stop taking them for 1 to 2 months before treatment. Extension of the course of treatment is recommended if you wish to lose weight immediately.
12. Don't use the instrument with an empty stomach. After a full meal, wait at least 1 hour before a course of weight loss treatment.
13. Start from the lowest energy level and slowly add up.
14. When using this device, the operating parts must be kept moist and dry skin should be avoided.
15. Clean the instrument with normal saline after operation to ensure its cleanliness and hygiene and prolong its service life.
16. During operation, the whole surface of the laser pad should not only touch a small area but be in full contact with the skin.
17. Combine with massage, or other machine treatments for better results.

## 5.Troubleshooting & Solutions

### **1. The instrument can't start and the key lamp on the back of the instrument doesn't work?**

- A. Ensure that the power cord is connected to a working power outlet.
- B. Ensure the fuse tube on the back of the instrument is not loose or being burnt.

## **2. No energy output from laser paddles?**

- A. Check whether the connection of the wire is loose.
- B. If the above method did not work, please contact the device distributor for assistance.

## **3.The device can be activated, but wrong information appears on the screen?**

- A. Please unplug the power plug behind the device and wait about 1 minute before restarting the device.
- B. If the above method cannot address the issue, please contact the device distributor for assistance.

## **6. FAQs**

### **1. Q: Which one is better, laser fat dissolution or liposuction?**

A: Compared with traditional liposuction operation, laser dissolves fat by sweeping by a place after another evenly, and won't cause unevenness of skin. ON the contrary, it achieves smooth, tight skin. In addition, the laser used to dissolve fat only target at the set fat layer. It not only does no damage to the surface skin, but also can speed up the self-repair of skin elastic fiber, so that the treated area is still tight, smooth, and flat.

### **2. Q: Will I experience rebound after laser slimming treatment?**

A: The adipose cell number inside body is fixed. It keeps growing until one enters adulthood then stays the same. The increase of weight is because adipose cell volume increased. Laser fat dissolution takes out local adipose structure, reduces adipose volume, and of course, after laser dissolves fat, rebound is unlikely to happen. But it doesn't mean it never happens. Under normal circumstances, rebound is unlikely to happen as long as the dietary structure is reasonable, and avoid binge eating or drinking.

### **3. Q: Does laser weight loss require food control and exercise?**

A: The effect of laser weight loss is quite remarkable, but you cannot blindly rely on laser to reduce weight only. For instance, you have achieve ideal weight through laser treatment , but at later periods relapse to binge eating and drinking again. Then rebound is likely to occur. There is no such thing as an absolute guarantee of permanence. So laser weight loss is a kind of auxiliary weight loss plan. After body weight reaches ideal range and you have stopped the treatment, you should still plan reasonable diet and exercise as well.

## **7. Packing List**

1 x Host device

- 1 x Power line(We offer 100-240 V , AU/EU/UK/AU plug)
- 2 x Big paddle with 10 //5mw Each (Total 20 pcs)
- 1 x Straps

## 8. Operational Diagrams

Parameter Adjustment	Product	Techniques	Diagrams
<b>Shaping Waist&amp;Abdomen: 30 min, 5-7 times/week</b>			
Laser Energy: 5 bars  Mode: Consecutive	Laser pads+ Straps	<ol style="list-style-type: none"> <li>1. Clean waist and abdomen with towel.</li> <li>2. Wrap the straps around the abdomen relatively loosely.</li> <li>3. Fixate laser pads on fat part of the waist and abdomen.</li> <li>4. Adjust energy level, mode and click start.</li> <li>5. Wait for 30 min or so.</li> <li>6. Remove the pads and straps.</li> </ol>	No diagrams
<p><b>Suggested Treatment:</b> It is advised to treat daily at early stages. Switch to 5-7 times per week after 15 days and 3-5 times after 2 months. Visible results will be seen after 3 months. Yet the results vary subjecting to each individual's absorption and metabolism. Persistent use will bring in more evident results.</p>			

## Shaping Arms: 30 min, 5-7 times/week

<p>Laser Energy: 5 bars</p> <p>Mode: Consecutive</p>	<p>Laser pads+ Straps</p>	<ol style="list-style-type: none"> <li>1. Clean arms with towel.</li> <li>2. Wrap the straps around the arms relatively loosely.</li> <li>3. Fixate laser pads on fat part of the arms.</li> <li>4. Adjust energy level, mode and click start.</li> <li>5. Wait for 30 min or so.</li> <li>6. Remove the pads and straps.</li> </ol>	<p>No diagrams</p>
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**Suggested Treatment:**

It is advised to treat daily at early stages. Switch to 5-7 times per week after 15 days and 3-5 times after 2 months. Visible results will be seen after 3 months. Yet the results vary subjecting to each individual's absorption and metabolism. Persistent use will bring in more evident results.

## Shaping Back: 30 min, 5-7 times/week

<p>Laser Energy: 5 bars</p> <p>Mode: Consecutive</p>	<p>Laser pads+ Straps</p>	<ol style="list-style-type: none"> <li>1. Clean back with towel.</li> <li>2. Wrap the straps around the back relatively loosely.</li> <li>3. Fixate laser pads on fat part of the back.</li> <li>4. Adjust energy level, mode and click start.</li> <li>5. Wait for 30 min or so.</li> <li>6. Remove the pads and straps.</li> </ol>	<p>No diagrams</p>
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**Suggested Treatment:**

It is advised to treat daily at early stages. Switch to 5-7 times per week after 15 days and 3-5 times after 2 months. Visible results will be seen after 3 months. Yet the results vary subjecting to each individual's absorption and metabolism. Persistent use will bring in more evident results.

**Shaping Buttocks: 30 min, 5-7 times/week**

Laser Energy: 5 bars	Laser pads+ Straps	<ol style="list-style-type: none"><li>1. Clean buttocks with towel.</li><li>2. Wrap the straps around the buttocks relatively loosely.</li><li>3. Fixate laser pads on fat part of the buttocks .</li><li>4. Adjust energy level, mode and click start.</li><li>5. Wait for 30 min or so.</li><li>6. Remove the pads and straps.</li></ol>	No diagrams
Mode: Consecutive			

**Suggested Treatment:**

It is advised to treat daily at early stages. Switch to 5-7 times per week after 15 days and 3-5 times after 2 months. Visible results will be seen after 3 months. Yet the results vary subjecting to each individual's absorption and metabolism. Persistent use will bring in more evident results.

**Shaping Legs: 30 min, 5-7 times/week**

Laser Energy: 5 bars  Mode: Consecutive	Laser pads+ Straps	<ol style="list-style-type: none"><li>1. Clean legs with towel.</li><li>2. Wrap the straps around the legs relatively loosely.</li><li>3. Fixate laser pads on fat part of the legs .</li><li>4. Adjust energy level, mode and click start.</li><li>5. Wait for 30 min or so.</li><li>6. Remove the pads and straps.</li></ol>	No diagrams
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**Suggested Treatment:**

It is advised to treat daily at early stages. Switch to 5-7 times per week after 15 days and 3-5 times after 2 months. Visible results will be seen after 3 months. Yet the results vary subjecting to each individual's absorption and metabolism. Persistent use will bring in more evident results.