

User Manual

MS-21Y4



Preface

To our valued users,

Thanks for choosing our MS-21Y4 laser fat-dissolving instrument.

This is a beauty equipment that can strongly dissolve fat and slim body. This device has an instant effect on body shaping and weight loss with fat-dissolving. And it applies high-tech and achieves sculpting safely and effectively. Laser fat-dissolving equipment is a professional beauty equipment for body slimming and weight reduction, which needs to be operated by people with professional training. Any improper use of this equipment may bring adverse consequences to human body, thus we advise all the people to read this manual thoroughly and follow the instructions specified hereby strictly before operation.

We believe our quality product will give you a good return, and our perfect after-sales service will make you worry-free.

Thank you.

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Part I

Brief Introduction

Laser fat-dissolving is currently the most popular weight reduction and body slimming instrument. It can effectively replace weight loss programs in beauty salon. Moreover, it can be operated easily, conveniently and swiftly, and solves body management problems for people pursuing beauty. And this equipment works safely and effectively, and requires no injection, no medication and no operation. It has no side effects, and is operated externally throughout, and has an instant effect. Laser is of strong penetrating power, which can effectively activate and repair fat cells, penetrate fat layer, and dissolve subcutaneous fat by heating. The treatment method is safe, without side effects and painless.

Advantages

1. Laser strongly dissolves fat and has an evident effect.
2. It asks for no operation and anesthesia.
3. It accurately removes obstinate fat from abdomen, arms, buttocks and thigh.
4. It's comfortable and painless during treatment, and there is no convalescence, and without affecting people's work after treatment.
5. No consumption, low cost, but with quick return.
6. Unevenness, bleeding and swelling will not occur.
7. Laser fat dissolving, which is safe and painless, dissolves fat evenly, makes skin smooth and flat, and leaves no marks.
8. Large LED laser pad of 160MW can penetrate fat layer heating up and dissolving subcutaneous fat, which will be absorbed and discharged through natural body metabolism.

Working Principle

It uses red laser, a visible spectrum with a wavelength of 635nm-650nm. The wavelength of this light is of strong penetrating power, which effectively activate and repair fat cells, penetrate fat layer, and dissolve subcutaneous fat by heating. The treatment method is safe, without side effects and painless.

LED laser uses laser with wavelength of 635nm to 650nm to heat up fat cells in the targeted zone to decompose it. In a very short period of time, fat deposition is absorbed and discharged via our body's natural metabolic processes. During the operation, the laser seals small blood vessels, reduces the bruise significantly, leads the heat to treatment area, and stimulates the production of collagen so as to achieve the smoothness, tightening and body sculpting.

Laser mainly acts as a low-energy laser (biological stimulation), and reaches to deep fat directly. It stimulates biological cells and induces or strengthens a series of physiological reactions by giving appropriate energy, including promoting local circulation, regulating cell function, enhancing immune function and promoting cell metabolism. It can tighten skin, remove wrinkles, reduce fat, and shape body simultaneously. Laser is of strong penetrating power, which can effectively activate and repair fat cells, penetrate fat layer, and dissolve subcutaneous fat by heating. The treatment method is safe, without side effects and painless.

Main Effects

1. Dissolve fat cells and speed up metabolism.
2. Improve local obesity, remove fat and obesity.
3. Improve skin's slackness and aging, and firm and sculpt body.
4. Tighten skin, and make it elastic.
5. Dissolve fat and build perfect body shape.
6. Build A4 waist, slender legs and sexy booty.

Indications

1. People who always sit resulting in pear-shaped body shape.
2. People who have jiggly arms.
3. People with thick legs, waist and arms.
4. People whose skin start to become slack or saggy.
5. People whose obesity are the result of eating and drinking too much.
6. People with slack abdomen, protruding small belly, obese waist or striae atrophicae.
7. People whose waist and abdomen have proud flesh, or with swim ring-like waist.
8. People whose hips have outward expansion, or with excessive fat or proud flesh.

Contraindications

1. Women in pregnancy, or lactation.
2. People with declined cardiopulmonary, liver and kidney functions, or with heart disease, or heart pacemaker.
3. People with unhealed surgical wound, or in surgical recovery.
4. People with epilepsy, severe diabetes or hyperthyroidism.
5. People with malignant tumors, hemophiliac or severe bleeding.
6. People with skin diseases or infectious diseases.
7. It's prohibited to use it around body parts with metal, plastic or silicon implant.
8. People who have been taking anticoagulant drugs, vascular dilation drugs, or corticosteroids for a long time, or is taking now.
9. People with severe slack skin or less subcutaneous adipose tissue.
10. People with local varicosity or phlebitis.

11. People who is under age.
12. People with psychological disorder or relatively high expectation, or who are particular about his body shape, or with paranoia.

Matters Needing Attention After Treatment

1. Keep warm, and don't eat cold food, and avoid exposing to windy environment and catching a cold.
2. Take shower after 4 to 6 hours.
3. Drink more warm water, and replenish moisture to speed up metabolism.
4. Refuse eating and drinking too much, as well as staying up late.
5. Avoid eating raw, cold and spicy foods. But get enough sleep.
6. Avoid wearing crop top, backless clothes, miniskirt and minishorts.

Part II

1. Detailed Operations



Jack for connecting two laser pads



Jack for power cord



Power Switch



Mode Setting(Two working modes: continuous and discontinuous working)



Energy Intensity Setting(Energy Intensity Range: 1 to 5)



On/ Off

Procedure:

- (1) Have laser pad and power cord properly connected before operation.
- (2) Press power switch to turn the equipment on.
- (3) Fasten band onto parts to be treated.
- (4) Insert laser pads into the band.
- (5) Set light mode and light intensity of laser pad.
- (6) To operate after clicking Start.

Operating state is as shown in the following photo:



2. Technical Parameters

Treatment Area: Body

Measure of Treatment Area: 75cm²

Max. Output Power: 10*5mw

Wavelength of Lipo Laser: 650nm

3. Contraindications

People with the following situations should use the equipment with caution. Please consult a doctor or professional before using this equipment. The details are as follow:

- (1) Women in pregnancy, or lactation.
- (2) People with declined cardiopulmonary, liver or kidney functions, or with heart disease or heart pacemaker.
- (3) People with unhealed surgical wound, or in surgical recovery.
- (4) People with epilepsy, severe diabetes or hyperthyroidism.
- (5) People with malignant tumors, hemophiliac or severe bleeding.
- (6) People with skin disease or infectious disease should use with caution.
- (7) It's prohibited to use it around body parts with metal, plastic or silicon implant.
- (8) People who have been taking anticoagulant drugs, vascular dilation drugs, or corticosteroids for a long time, or is taking now
- (9) People with severe slack skin or less subcutaneous adipose tissue.

- (10) People with local varicosity or phlebitis.
- (11) People who is under age.
- (12) People with psychological disorder or relatively high expectation, or who are particular about his body shape, or with paranoia.

4. Precautions for Use

- (1) Plug with ground pin must be used, and power socket that already factually grounded must be ensured before using the equipment.
- (2) To make sure equipment's voltage is adaptive. If voltage of local power supply is unstable, we suggest users add voltage regulator with matching power between the mains supply and the equipment.
- (3) To guarantee curative effect and normal service life of the equipment, please uniformly use specified parts provided or suggested by original manufacturer.
- (4) The equipment can't be placed in damp places or near water, and also can't be exposed to direct sunlight.
- (5) Don't place the equipment near a strong heat source since this may affect its service life and normal use.
- (6) Please remove all the metal objects from body before treatment so as to avoid unexpected situations which may affect curative effect.
- (7) Please restrain from using the equipment aiming at eyes, thyroid, parathyroid, testicles, pregnant woman's abdomen, pacemaker, etc.
- (8) People who are suffering from illness should use with caution unless he gets permission from a doctor.
- (9) Please turn off power switch of the equipment if no one uses it, and ensure main power is off after someone used it and before he left, thus safety of the equipment can be guaranteed.
- (10) It's advised to stop taking other weight-loss medicines for 1 to 2 months before treatment if you are taking them now. The course of treatment shall be extended if you want to have it started immediately.
- (11) Don't use the equipment with an empty stomach, and wait for at least 1 hour after a full meal before starting the course for weight reduction.
- (12) When using this equipment, parts to be treated must be kept moist, so as not to damage the laser pads.
- (13) When operating, laser pads must be fixed onto client first, and then have the equipment started.
- (14) When using laser pads, its whole surface should be in contact with skin fully and can not only touch a small area
- (15) A better effect can be achieved with the combined use of laser pads with massage and other equipment.
- (16) Laser pads can also be used separately. Just fasten it onto fat part about 30 minutes. A better effect can be achieved with the combined use of massage technique.
- (17) Clean the equipment with normal saline after operation so as to ensure its

cleanliness and hygiene, as well as extending its service life.

(18) Using the equipment and training the operators in strictly accordance with the instructions specified in the manual.

5. Troubleshooting & Solutions

- (1) The equipment can't be started after having the power switch on?
 - A. Make sure the power cord is plugged into a good power socket.
 - B. The internal parts get damaged. If it's still within warranty, please contact the dealer for repair.

- (2) The equipment can be started but there is no energy output from laser pads?
 - A. Please check whether the connecting wire for laser pads is properly connected to main machine.
 - B. Laser pads get damaged.

6. FAQs

(1) Q: Which one is better, laser fat-dissolving or liposuction?

A: Compared with traditional liposuction, laser fat-dissolving evenly scans treated parts one by one with laser energy. It will not cause unevenness and instead it makes skin smooth and firm. Moreover, laser used by laser fat-dissolving only acts on the setting fat layer, which will not harm epidermis and but also speed up self-healing of elastic fibers and make the treated part remain firm, smooth and flat.

(2) Q: Does laser fat-dissolving get rebound?

A: The quantity of fat cells in the body is fixed. It increases with age increasing and becomes constant after people being an adult. The increase of weight is due to the increase of fat cell size. Laser fat dissolving gets rid of local fat structure and reduce the size of fat. Even there is only a few cases of rebound occur it doesn't mean the rebound will not appear definitely. Under normal conditions, there is no rebound as long as you develop a good eating habits and do not eat and drink too much every day.

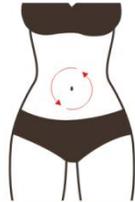
(3) Q: Does weight reduction with laser need to control eating and do exercise?

A: Weight loss with laser treatment has an obvious effect, but we can't rely on it alone. For example, if we don't keep on a diet and eat and drink too much after have the target of weight reduction reached, then there is a chance that rebound will occur. Bear in mind that there is no such weight loss product guaranteeing lasting effect. A: Therefore, weight loss with laser is a supplemental way for weight reduction. We still have to be on a diet and do exercise rationally after have the target of weight reduction reached and weight loss with laser stopped.

7. Packing List

Main Machine x1
 Power Cord x1
 Laser Pad x2
 Band x5

8. Operational Diagrams

Parameter Setting	Product	Technique	Diagram
Waist & Abdomen Sculpting: 40 Minutes/ Once a Week			
Laser Pad Mode: continuous Energy: 2 to 4	Essential oil(massage cream)+ Equipment	1. Move circlewise on abdomen with two hands applying oil. Repeat 3 times.	Technique 1, 7, 10 
		2. Rub belly back and forth with two hands. Repeat 3 to 5 times.	Technique 2 
		3. Rub the fat on abdomen as the way of rubbing spine with both hands doing it alternately. Repeat 3 times.	Technique 3 
		4. Lift belt vessels of both sides of the waist with hands doing it alternately. Repeat 16 times.	Technique 4 
		5. Move in Arabic numeral 8-shaped motion to the part below waist and then lift upwards from the side of waist. Repeat 3 times.	
		6. Rub intestinal tract with two hands overlapped moving in small circles and clockwise. Repeat 3 times.	
		7. Caress the treated parts with two hands moving circlewise.	

		<p>Repeat 3 times.</p> <p>8. Press Shangwan(RN13), Zhongwan(RN12), Xiawan(RN10), Shenque(RN8), Qihai(RN6), Guanyuan(RN4), Zhongji(RN3), Tianshu(ST25), Daheng(SP15), Qugu(RN2). Repeat 2 times.</p> <p>9. Push directly from Zhongji(RN3) to belly button with thumbs of both hands, and slide to the parts below waist along the two sides, then lift upwards to groin. Repeat 3 times.</p> <p>10. Caress the treated part till groin with both hands.</p> <p>11. Laser Pad Technique: fasten laser pads onto abdomen's fat part with band for about 20 minutes.</p> <p>12. Remove the laser pads, and clean it.</p> <p>13. Treatment done.</p>	 <p>Technique 5</p>  <p>Technique 6</p>  <p>Technique 8</p>  <p>Technique 9</p> 
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Course of Treatment Recommended:

A course consists of ten treatments. After one treatment, abdomen gets relaxed. After a course, fat metabolizes slowly, and slimming starts. After two courses, the effects become more and more obvious. Skin turns tightened and lifted, and slack skin take a turn for the better. After three courses, the effects consolidate, excessive fat disappears little by little, curve of waist and abdomen shapes, and a slim waist builds.

Arm Sculpting: 40 Minutes/ Once a Week

Laser Pad
Mode:
continuous

Energy: 2 to 4

Essential
oil(massage
cream)+
equipment

1. Do it in a left-right order. Lay the arms flatwise, and apply essential oil from the lower arm to the upper arm with two hands till the hands slide out, and repeat it for 3 times.

2. Push the entire arm with two palms doing it alternately. Repeat 3 times.

3. Push Large Intestine Channel[LI]-Sanjiao Channel[SJ]-Small Intestine Channel[SI] of the outer arm respectively till armpit with the V-shaped webbed area between thumb and index finger of two hands. Repeat 3 times.

4. Caress the treated part. Repeat 3 times.

5. Rub the three channels and collaterals back and forth with kneeling fingers till it becomes hot. Repeat 3 times.

6. Caress the treated part. Repeat 3 times.

7. Lay the arm upwards, and push Lung Channel[LU]-Pericardium Channel[PC]-Heart Channel[HT] of the inner arm till armpit with the V-shaped webbed area

Technique 1, 4, 6



Technique 2, 3, 5



Technique 7, 8, 9



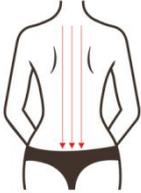
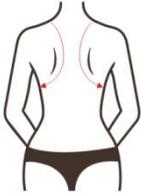
		<p>between thumb and index finger. Repeat 3 times.</p> <p>8. Rub the three channels and collaterals back and forth with kneeling fingers till it becomes hot. Repeat 3 times.</p> <p>9. Caress the treated part till the hands slide out. Repeat 3 times.</p> <p>10. Do the same on the other side.</p> <p>11. Laser Pad Technique: fasten laser pads onto arm's fat part with band for about 20 minutes.</p> <p>12. Remove the laser pads, and clean it.</p> <p>13. Treatment done.</p>	
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Course of Treatment Recommended:

Ten treatments is a course. After one treatment, arms get relaxed. After a course, extra fat on the arms starts to decrease, and skin begins to become tightened. After two courses, body shaping starts, and the effects strengthens. After three courses, the effect consolidates and stabilize, and rebound get prevented.

Back Sculpting: 40 Minutes/ Once a Week

<p>Laser Pad Mode: continuous Energy: 2 to 4</p>	<p>Essential oil(massage cream)+ equipment</p>	<p>1. Apply oil to the back, and press Fengchi(GB20) and Fengfu(DU16).</p> <p>2. Stroke area connecting neck and shoulder (start with hairline) with thumb finger. Repeat 3 to 5 times.</p> <p>3. Stroke Bladder Meridian (BL) outward to sacral region(BL31-BL34) with thumb and caress till Fengchi (GB20) and Fengfu (DU16). Repeat 3 times.</p> <p>4. Move circlewise</p>	<p>Technique 1, 10</p>  <hr/> <p>Technique 2</p> 
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		<p>and in S-shaped motion from neck to caudal vertebra with both hands. Repeat 3 times.</p> <p>5. Push Bladder Meridian (BL) in a left-right order with two thumbs doing it alternately. Repeat 3 times.</p> <p>6. Push Bladder Meridian (BL) to sacral region (BL31-BL34) with two hands doing it simultaneously. Repeat 3 times.</p> <p>7. Push Bladder Meridian (BL) with kneeling fingers of both hands in three lines respectively. Repeat 3 times.</p> <p>8. Push medial border of scapula in a left-right order with both hands doing it alternately. Repeat 3 to 6 times.</p> <p>9. Stroke transversely medial border of scapula with both hands. Repeat 3 to 6 times.</p> <p>10. Caress the whole back with both hands and press Fengchi (GB20) and Fengfu (DU16). Repeat 3 times.</p> <p>11. Press Tianzong (SI11) with both thumbs overlapped, then slide to arm and slide out. Repeat 3 times.</p> <p>12. Treat the other side, and press Tianzong (SI11) till arm and slide out. Repeat 3 times.</p> <p>13. Rub Du</p>	<p>Technique 3</p>  <hr/> <p>Technique 4</p>  <hr/> <p>Technique 5, 6, 7, 13</p>  <hr/> <p>Technique 8</p>  <hr/> <p>Technique 9</p>  <hr/> <p>Technique 11, 12</p>
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		<p>Meridian(DU) and Bladder Meridian(BL) with both hands till it turns hot.</p> <p>14. Laser Pad Technique: fasten laser pads onto fat part of the two sides of back with band for about 20 minutes.</p> <p>15. Remove the laser pads, and clean it.</p> <p>16. Treatment done.</p>	
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Course of Treatment Recommended:

Ten treatments is a course. After one treatment, back gets relaxed obviously. After a course, fat on the back lessens, and the outlines of back becomes nice. After two courses, the effect consolidates, and fat on the back disappear slowly. After three courses, back turns thinner, and outlines become good-looking. (one course with size reduced, two courses with effects consolidated, and three courses with effects strengthened without rebound.)

Buttocks Sculpting: 40 Minutes/ Once a Week

<p>Laser Pad Mode: continuous Energy: 2 to 4</p>	<p>Essential oil(massage cream)+ equipment</p>	<ol style="list-style-type: none"> 1. Stand sideways and with both hands applying oil, and slide from sacral region(BL31-BL34) to waist, from where lift upwards along buttocks. Repeat 3 times. 2. Push sacral region(BL31-BL34) with both thumbs. Repeat 3 times. 3. Caress the treated part for 3 times, then press Shenshu(BL23), Changqian(DU1), Huantiao(GB30), and Chengfu(BL36). Repeat 3 times. 4. Caress the treated part for 3 times. 5. With the left first and the right after. Push upwards from thigh root to belt vessel with two hands 	<p>Technique 1, 4, 10</p>  <hr/> <p>Technique 2</p>  <hr/> <p>Technique 3</p> 
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		<p>along Bladder Meridian(BL), Kidney Meridian(KI), Liver Meridian (LI), and Gallbladder Meridian. Repeat 3 times respectively.</p> <p>6. Push upwards from thigh root to belt vessel with two hands doing it severally along Bladder Meridian(BL), Kidney Meridian(KI), Liver Meridian (LI), and Gallbladder Meridian. Repeat 3 times respectively.</p> <p>7. Lift upwards from thigh root to belt vessel with the two palms overlapped. Repeat 3 to 5 times.</p> <p>8. Push directly (for sculpting) and one line after another from the two sides of buttocks to the highest point on it with two hands, and push back and forth. Repeat 3 times.</p> <p>9. Lift upwards from thigh root to belt vessel with the two palms overlapped. Repeat 3 to 5 times.</p> <p>10. Caress the treated part.</p> <p>11. Do the same on the other side.</p> <p>12. Laser Pad Technique: fasten laser pads onto fat part of buttocks' proud flesh with band for about 20 minutes.</p> <p>13. Remove the laser pads, and clean it.</p> <p>14. Treatment done.</p>	<p>Technique 5, 9</p>  <hr/> <p>Technique 6</p>  <hr/> <p>Technique 8</p>  <hr/>
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Course of Treatment Recommended:

Ten treatments is a course. After one treatment, buttock lifts. After a course, buttock outlines start to show itself, and excessive fat disappears slowly. After two courses, excessive proud flesh of buttocks vanish, and skin turns firm. After three courses, the effect consolidate, which boosts feminine charm.

Leg Sculpting: 50 Minutes/ Once a Week

Laser Pad
Mode:
continuous

Energy: 2 to 4

Essential
oil(massage
cream)+
Equipment

1. Rear-leg. Treat the left leg first and the right after. Massage from the lower leg to the thigh with two hands applying oil, then back to the heel. Repeat 3 times.

2. Push the entire leg from the bottom up with the base of two palms doing it alternately, then back to the heel till the palms slide out.

3. Push Bladder Meridian [BL]-Kidney Meridian[KI]-Liver Meridian[LV]-Gallbladder Meridian[GB] from the bottom up with the V-shaped webbed area between thumb and index finger of both hands doing it alternately. Repeat 3 times.

4. Push popliteal fossa with two hand doing it alternately. Repeat 3 times.

5. Twist from the bottom up and back and forth with two hands doing it alternately. Repeat 3 times.

6. Caress the treated part. Repeat 3 times.

7. Push the four channels and collaterals with kneeling fingers doing

Technique 1, 2, 3, 4, 6, 7, 8



Technique 5



Technique 10, 11, 12, 13



		<p>it from the bottom up. Repeat 3 times.</p> <p>8. Caress the treated part. Repeat 3 times.</p> <p>9. Do the same on the other side.</p> <p>10. Fore-leg: Apply essential oil from the lower leg to the thigh with two hands. Repeat 3 times.</p> <p>11. Push from leg to thigh root with the base of two palms doing it by turns. Repeat 3 times.</p> <p>12. Push Spleen Meridian[SP]-Stomach Meridian[ST]-Liver Meridian[LV]-Gallbladder Meridian[GB] of the leg till thigh root with the V-shaped webbed area between thumb and index finger of two hands doing it alternately. Repeat 3 times. (Legs can be slightly bended when pushing inner thigh.)</p> <p>13. Push the four channels and collaterals with kneeling fingers. Repeat 3 times.</p> <p>14. Laser Pad Technique: fasten laser pads onto the legs' fat part with band for about 20 minutes.</p> <p>15. Remove the laser pads, and clean it.</p> <p>16. Treatment done.</p>	
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Course of Treatment Recommended:

Ten treatments is a course. After one treatment, legs get relaxed. After a course, excessive fat of legs decrease slowly, and legs become thinner. After two courses, legs' fat vanish gradually, and it turns slender and firm, which has a evident effect. After three courses, the effects consolidates and rebound can be prevented.