

All for your service needs!



INSTRUCTION MANUAL

Portable ED Shock Wave Therapy Machine



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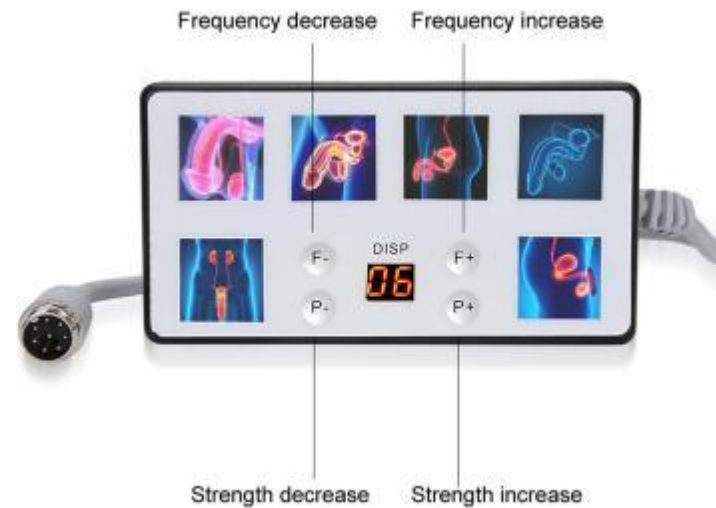
Dear users, hello!

We would like to thank you for your choice of our well-designed and manufactured equipment. In order to give full play to the functions of our products, we sincerely suggest that:

1. Before using the device, please read the manual carefully and keep it for future reference
2. Please use and operate correctly according to the requirements in the manual
3. Do not disassemble or modify any parts of this machine;
4. Except authorized personnel of the company, it is strictly prohibited for others to open the machine cover and the main engine;
5. It is strictly forbidden for non-professional personnel to carry out maintenance and transformation without authorization
6. Please contact us if there is any malfunction during the operation.

1 Portable ED Shock Wave Therapy Machine

1.1 ML02 product parameters



Model: ML02	
Color: silver & blue	Number of working heads: 2 ED dedicated
Voltage: AC110V-AC220V	Frequency: 50Hz/60Hz
Power: 90W MAX	Current: 2A MAX
Set level: 25-105mj	Set Frequency: 1-16Hz
Instrument size: 146mmX177mmX44mm	Net weight: 1.9KG

1.2 ML02 instrument connection

- (1) check with the packing list to see if the machine parts are complete and in good condition.
- (2) place the attachment and insert the multi-core plug at the end of the shock therapy handle into the OUT socket on the front of the main unit.
- (3) plug the main engine power cord into the main engine power socket.
- (4) choose a suitable working head, one hand holding the handle, the other hand along (counterclockwise) direction of the working head from the handle off, and then the need to work the head along (clock- wise) direction firmly.
- (5) Press the switch button on the handle and the machine will be in working condition.
- (6) handle a key switch, press open, then close.

Note: You have to plug in the handle to operate the touch panel

Do not pull OUT the OUT socket directly when the massage handle is switched on.

Turn off the power and wait for about 15 seconds before pulling OUT the handle.

1.3 ML02 instrument parameter setting

- (1) select the appropriate gear through the host output frequency and output energy level gear button.
- (2) Default Working Times of the machine: the Single Working Times of this instrument has been set to 2500 times by default. When a single use of up to 2500 times, the instrument automatically stop the output of energy, at this point again press the start button on the operating handle, can again output energy.
- (3) This machine boot default is: output frequency shift 6, Output Energy Level Shift 6.
 - ① Output level: When the output frequency is 1Hz-12Hz,
Output Level 1 = 25mj, output level 2 = 30mj, output level 3 = 35mj, output level 4 = 40mj, output level 5 = 45mj, output level 6 = 50mj, output level 7 = 55mj, output level 8 = 65mj, output level 9 = 75mj, output level 10 = 85mj, output level 11 = 95mj, output level 12 = 105mj.
 - ② Output level: When the output frequency is 13Hz-14Hz,
Output Level 1 = 25mj, output level 2 = 30mj, output level 3 = 35mj, output level 4 = 40mj, output level 5 = 45mj, output level 6 = 50mj, output level 7 = 55mj, output level 8 = 60mj, output level 9 = 65mj, output level 10 = 70mj, output level 11 = 75mj, output level 12 = 80mj.
 - ③ Output level: When the output frequency is 15Hz-16Hz,
Output Level 1 = 25mj, output level 2 = 28mj, output level 3 = 31mj, output level 4 = 35mj, output level 5 = 38mj, output level 6 = 41mj, output level 7 = 45mj, output level 8 = 48mj, output level 9 = 50mj, output level 10 = 52mj, output level 11 = 55mj, output level 12 = 58mj.

2 Suggestions for operation of shock wave instruments

2.1 Indications for this shock wave therapy

mild vascular ED, moderate vascular ED, severe vascular ED auxiliary mode, vascular + psychological mixed ED, diabetic ED, and postoperative neurological ED.

2.2 How to Use for ED

2.2.1 Preparation before treatment

1. Connecting the equipment

- (1) Select a suitable working head, hold the handle with one hand, and install the working head in a clockwise direction with the other hand
- (2) Insert the multi-core plug at the end of the impact treatment handle into the OUT socket on the front of the host.
- (3) Insert the host power cord into the host power socket.
- (4) Connect the power supply
- (5) Press the switch button on the handle and the machine will enter the working state.
- (6) There is a key switch on the handle. Press it to turn it on and then press it to turn it off.

Note: The handle must be inserted to operate the touch panel. When the massage handle is turned on, do not unplug the OUT socket directly. Turn off the power and wait for about 15 seconds before unplugging the handle.

2. Before treatment, clean the perineum and penis skin and apply ultrasonic coupling agent to enhance the efficiency of shock wave transmission.

3. Body position and positioning

The patient lies in a supine position, fully exposing the penis and perineum. The treatment area is divided into the bilateral crus penis (located on both sides of the base of the penis) and the bilateral corpus cavernosum (located in the middle third of the penis).

2.2.2 Treatment Procedure

Place the shockwave probe firmly against the skin and cover the following areas in order: Right crus penis Left crus penis Right corpus cavernosum Left corpus cavernosum. 5000 shockwaves are delivered to each location, for a total treatment duration of approximately 20 minutes.

1. Treatment Head Selection

Flat Head

Energy Characteristics: More even energy distribution, suitable for covering a wide treatment area (e.g., bilateral crus penis and mid-corpus cavernosum).

Applicable Scenarios:

Widely stimulated angiogenesis (e.g., chronic vascular ED);

More adaptable to pain-sensitive areas (e.g., base of penis), reducing localized pressure concentration.

Cylinder-shaped Head

Energy Characteristics: More focused energy, allowing for precise targeting of deep tissues (e.g., the proximal third of the corpus cavernosum).

Applicable Scenarios:

Repair of localized vascular stenosis or nerve damage (such as diabetic ED);

Recalcitrant ED requiring high-energy-density stimulation.

2. Treatment Intensity Adjustment

Initial treatment begins with low intensity and is gradually increased based on patient tolerance.

Local skin reactions should be monitored during treatment to avoid excessive pain or tissue damage.

2.2.3 Treatment Schedule

1. Frequency and Cycle

3-5 times per week for 4-6 weeks (adjusted based on efficacy).

2.2.4 Treatment Precautions

1. Short-term Care: Avoid sexual intercourse for 48 hours after treatment to minimize interference from corpus cavernosum congestion on efficacy assessment. Mild local bruising or soreness may occur, which typically resolves spontaneously within 72 hours and does not require special treatment.

2. During shockwave therapy for erectile dysfunction (ED), the penis is typically in a semi-erect state with moderate congestion, rather than a fully flaccid or erect state. This is due to the following reasons:

(1) **Precise Targeting Required:** When the penis is moderately congested, the corpus cavernosum tissue is relatively plump, allowing for clearer exposure of the treatment target (e.g., the corpus cavernosum and vascular distribution), allowing for more precise delivery of shockwave energy to the target tissue and improving treatment efficiency.

(2) **Reducing Discomfort:** In the completely flaccid state, the penile tissue is relatively relaxed, and shockwaves may cause unnecessary stimulation to surrounding tissues. In the fully erect state, the corpus cavernosum has high pressure, which may increase discomfort during treatment. Tissue tension during an over-erectile state may also impair the effective delivery of shockwaves.

(3) **Adjunctive Treatments:** Some physicians may use a penis pump to briefly engorge the penis before treatment to help achieve the desired semi-erect state and ensure that the treatment area is optimally positioned for shockwave reception. For patients with good erectile function or milder cases, shockwave therapy alone may be sufficient.

2.2.5 Efficacy Monitoring and Evaluation

1 Month: Approximately 70% of patients experience improvement in morning erection frequency and erectile hardness, as initially assessed using the IIEF-5 score.

3 Months: Angiogenesis reaches its peak, with an average 25% increase in penile blood flow and approximately 80% complete nerve repair.

2.3 The taboo of shock wave physiotherapy

- (1) patients with heart disease, cardiac pacemaker, hypertension;
- (2) patients with acute inflammation, deep vein thrombosis, Goiter, asthma, cancer, etc.;
- (3) patients with ruptured blood vessels and bleeding, trauma, bleeding wound;
- (4) pregnant women;
- (5) areas with plastic surgery and artificial implants;
- (6) people with metal materials (including metal teeth);
- (7) people with inflammation of the skin and body edema;
- (8) people with abnormal immune system function;
- (9) people who feel numb and unresponsive to heat;
- (10) Do not support use in the vicinity of certain tissues, such as eyes and surrounding areas, myocardium, spinal cord, gonad, renal marrow and liver;
- (11) people who have blood disorders, clotting problems or use of anticoagulants;
- (12) Polyp near the nursing site;
- (13) thrombotic, neoplastic, polyneuropathy;
- (14) growing cartilaginous children;
- (15) site of corticosteroid therapy; not supported for use in parts or organs of the body that contain large amounts of gas;

2.4 Application suggestions

2.4.1 ED Treatment

- (1) the frequency of ED therapy is 1--12 Hz, and the recommended frequency is 3 -- 8 hz.
- (2) please adjust the energy according to the customer's requirement, operating from low to high.

2.4.2Apply physical therapy advice

Region	Frequency/level	Hit Count	Working hours	Course of treatment	Interval time
Mild Vascular ED Pattern	8-10Hz/15-20mj	1500	about 20-30 minutes	6 times	once a week
Moderate Vascular ED Pattern	10-12Hz/20-25mj	2,000	about 30-40 minutes	8 times	2 times a weeks
Severe Vascular ED Assistance Mode	12Hz/25-30mj	2,500	about 40-50 minutes	12 times	2 times per week for the first 6 weeks, 1 time per week for the next 6 weeks
Mixed Vascular + Psychological ED Pattern	10Hz/20mj	2,000	about 25-35 minutes	8 times (shock wave) + 4 times psychological counseling	once a week
Dedicated Mode for Diabetic ED	6-8Hz/12-20mj	2,000	about 30 minutes	10-12 times	once a week
Postoperative Neurogenic ED Rehabilitation Mode	5Hz/12-18mj	2,000-2,500	about 20-25 minutes	10 times	once a week

In order to protect customer privacy, our product interface does not directly display the ED mode diagram.The above six treatment modes all need to adjust parameters according to their own conditions.The recommended parameters in the table are for reference only.

2.5 Points to note

2.5.1 Use caution

- (1) although internal resistance is high due to the weight and design of the working head, constant vibration may cause tension in the user's hands.
- (2) to prevent heat from accumulating in the vent, hands or objects should not cover the vent.
- (3) The projectile body is consumable and must be replaced after hitting for a certain time.

in case of special circumstances or accidents, please stop using it immediately and consult a professional.

- (4) switch off the power supply immediately and stop using it if the following abnormal situation occurs during use;

- Water and foreign body into the body;
- Body, power cord, accessory wire and plug abnormal heating, leakage.
- Abnormal Sound;
- Abnormal smell and smoke;
- Damage to any accessories;
- The sudden occurrence of natural disasters such as thunder and earthquake.

- (5) after use, to cut off the power supply, do not use must pull the plug from the power outlet.

- (6) Please take care of it. Power Cord and accessory wire should be carefully checked before each use. If there is any sign of damage, stop using and replace the new parts.

- (7) Medical equipment or household appliances located close to the instrument may malfunction due to interference.

- (8) Do not use impact massager in hot and humid environment, dusty environment, Oily Fume or water vapor environment.

- (9) in the event of failure in use, should immediately turn off the power supply, must be dismantled by professionals, maintenance or sent to dealers, manufacturers maintenance, not self-repair.

- (10) exemption from liability

The company shall not be liable for:

- Because of fire, earthquake, war and other irresistible circumstances;
- Due to the fault of the user, Error Operation;
- Damage caused by methods of use other than those in this manual.

- (11) Please keep away from the wall when the instrument is in use. Keep 30CM space around the instrument for heat dissipation.

- (12) This instrument is a massage instrument, not a medical instrument.

2.5.2Possible side effects

- (1) there may be congestion or swelling in the nursing area.
- (2) the skin of the care unit may feel itchy or temporarily numb.
- (3) the impact massager nursing has certain damage to the skin after the hormone treatment.

2.6 ShockWave Instrument maintenance

2.6.1Check before use

Before using the shock wave physiotherapy device, the following examinations should be carried out:

- Check for any mechanical damage;
- check all exposed wires, inserts and fittings;
- check all possible body functions of the instrument and ensure that it is in good working condition.

2.6.2Shock wave product maintenance and repair

- (1) the shock wave physiotherapy apparatus is a general mechanical and electronic product with a service life of 10 years under normal working conditions (the warranty period is 1 year).
- (2) the user should wipe and clean the dust on the surface of the physiotherapy instrument at least once a week. Wipe with a clean cloth or soft brush can be clean, alcohol, gasoline or other cleaning agent is prohibited, wipe the host and physiotherapy handle, prohibit the flow of liquid into the internal physiotherapy instrument.
- (3) regular maintenance of the head and accessories can improve its service life. It is recommended that the head be maintained every other month.
- (4) physical therapy instrument failure, to timely shutdown, by professional maintenance personnel to repair, to prevent the expansion of the failure, the occurrence of safety accidents.

2.6.3 fault diagnosis (for reference only)

Failure phenomenon	Cause of failure	Method of elimination
Turn on the main power switch, the display screen is not bright, physical therapy instrument no response	Poor contact of power cord and plug	Check whether the power cord, plug, etc. are plugged in
Turn on the power pressure pump operation, but the pressure does not rise or rise slowly	Air Pump air filter dirty or blocked	Drain the air and moisture from the Air Valve
Working hair makes abnormal noise or does not run	The working head is damaged Warhead Jammed Replacement Kit Damage or wear of ballistic tubes and warhead assemblies	Replacement of work head or warhead kit
Display mode or display random code	Power supply voltage instability or strong electromagnetic interference	Check the power supply, if necessary, take voltage-stabilizing measures, away from strong electromagnetic radiation

Warning: except for medical device manufacturers and after-sales service centers, users are advised not to dismantle and modify the physiotherapy equipment by themselves. This will cause abnormal operation of the physiotherapy equipment, resulting in accidents and injuries.

If there is a need for maintenance, the manufacturer may be requested to provide the circuit diagram, list of components, drawings, notes, calibration details, or other information necessary to assist the user's qualified technical personnel in repairing the repairable parts of the equipment designated by the manufacturer, and under the guidance of the manufacturer for maintenance.

2.7 Special storage and transport conditions and methods

Ambient temperature: -10°C-55°C. Relative humidity 85%.

Atmospheric Pressure: 500 HPA ~ 1060 HPA

Packaging requirements: shockproof materials and moisture proof plastic bags.

Handling Requirements: attention to handle gently, prohibit box rolling.

Transportation Requirements: prevent impact, extrusion, damp, violent vibration.

Storage requirements: When the machine is not used for a long time, it should be packed and stored in a cool, dry, well ventilated room without corrosive

3 The Adjuster

3.1 Scope of free service

All equipment within the scope of warranty service conditions of the company can enjoy free service.

3.2 Fee Charging Service area

(1) the company will charge for the service of any equipment beyond the scope of the company's Warranty Service Conditions;

(2) During the warranty period, the products need to be repaired due to the following reasons: artificial damage, power grid voltage beyond the specified range of equipment, irresistible natural disasters, etc..

We hereby assume no responsibility for direct, indirect or ultimate damage or delay caused by improper use, replacement of parts not approved by us or repair of machines by persons not authorized by us, including but not limited to.

Note: The contents of this manual are for reference only. The final analysis and modification rights belong to the manufacturer.