

M61 DUAL-FREQUENCY THERMAL ENGRAVING MACHINE



The M61 Dual-Frequency Thermal Engraving Machine System integrates 13D HIFU & 180 AI SpiralRF for professional facial lifting + full-body contouring. Featuring a 13.3" HD smart screen and dualfunctional handpieces, it provides non-invasive, zero-downtime anti-aging & fat-reduction treatments

1-1. Working Principle

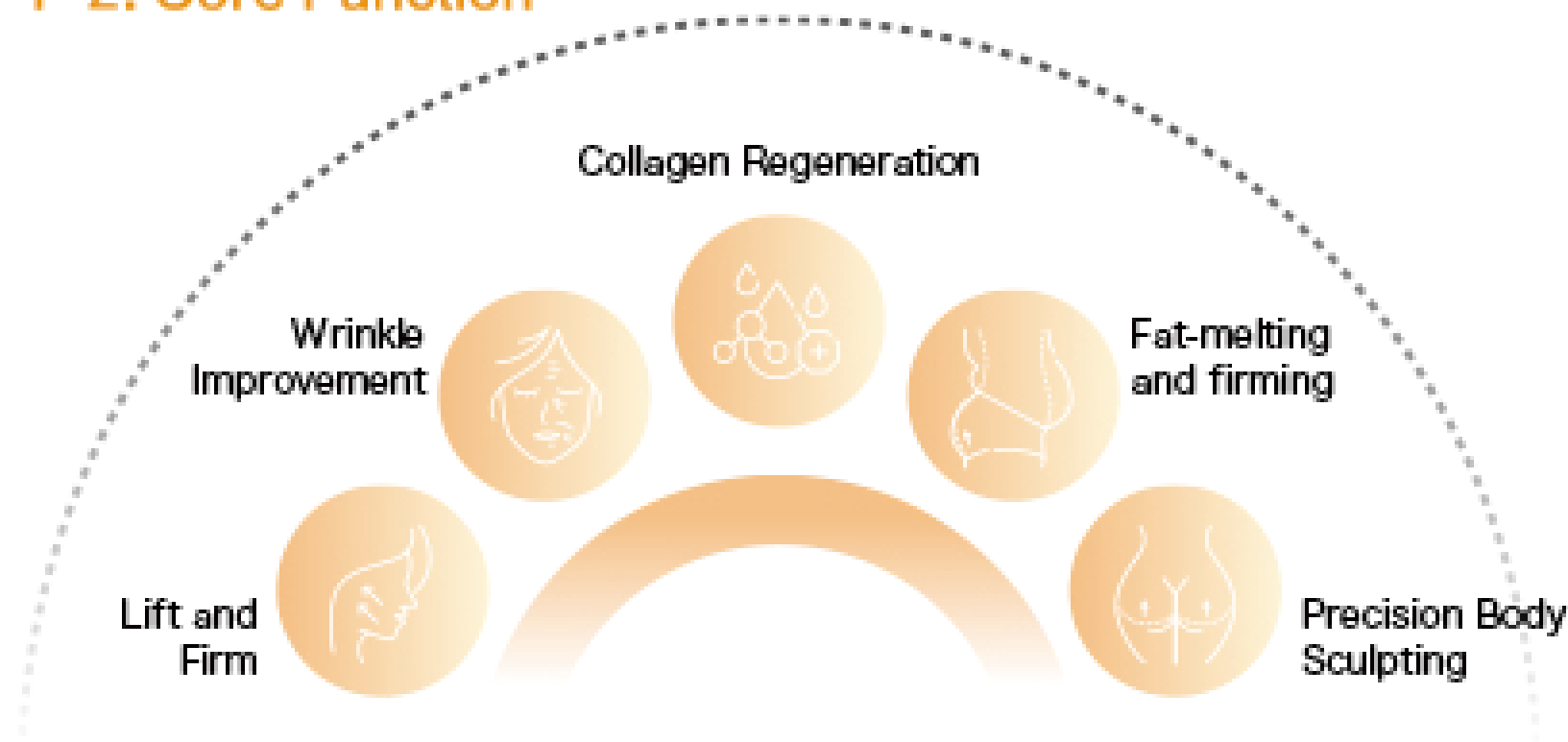
- 13D HIFU Ultrasound Handpiece for Face Lifting

Focused high-intensity ultrasound generates precise thermal focal points at 1.5/3.0/4.5mm skin layers including SMAS fascia. Controlled thermal coagulation tightens fascia instantly and triggers natural collagen regeneration for long-term wrinkle reduction and facial lifting without epidermal damage.

- 18D AI Spiral RF Handpiece for Body Contouring

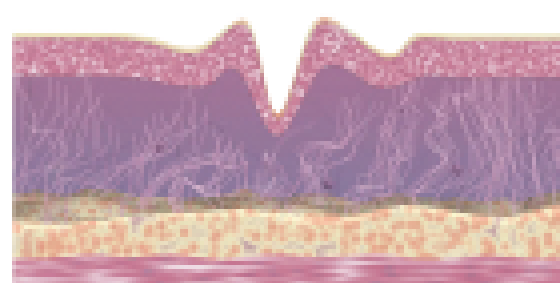
Advanced AI spiral RF creates uniform thermal field under skin. Moderate heat dissolves excess subcutaneous fat for body slimming, meanwhile shrinks dermal collagen fibers and stimulates new collagen growth to tighten loose skin and eliminate cellulite.

1-2. Core Function



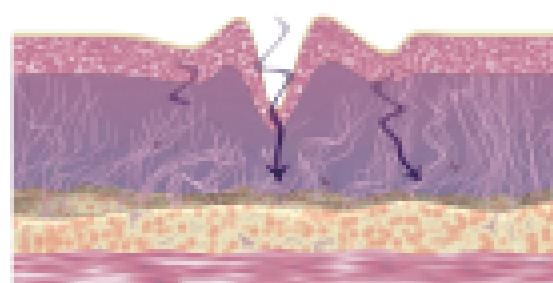
1-3. Collagen Regeneration Process

Thermosetting Cell Migration
Activation of Surrounding Cells



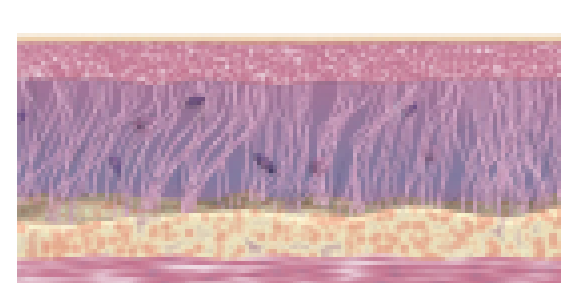
Setting period
0 to 48 hours

Granulation tissue wound contraction
Collagen synthesis



Proliferative phase
Day 2 to 6 weeks

Collagen restructuring
strength enhanced
Skin lifting effect



Regeneration Period
3 weeks to several months

1-4. Core Competitive Advantage

No downtime

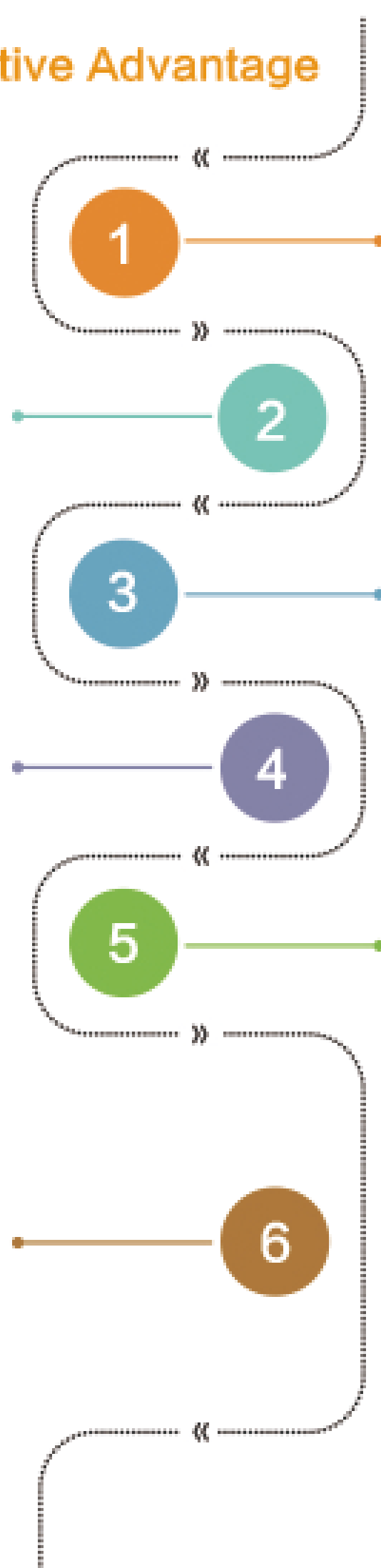
No bleeding, no risk of infection, safe treatment, walk-in and walk-out

Completely comfortable

Featuring proprietary large focal area and sliding scan technology, it avoids creating coagulation denaturation points and prevents scar adhesion, ensuring a safe and comfortable treatment process.

Targeted

Focused ultrasound energy precisely targets therapeutic tissues such as the SMAS fascia layer and the dermis.



Layered Anti-Aging

Treatment heads at varying depths enable precise layered anti-aging targeting of the dermis, superficial fascia layer, and SMAS fascia layer.

Effectiveness

The treatment area generates sufficient heat to achieve lifting, skin tightening, and fat reduction effects.

Precision Treatment

Innovative sliding scan treatment handle effortlessly addresses precise treatment needs around the eyes, lips, nasolabial folds, neck, body, and limbs.

1-5. Operable Parts

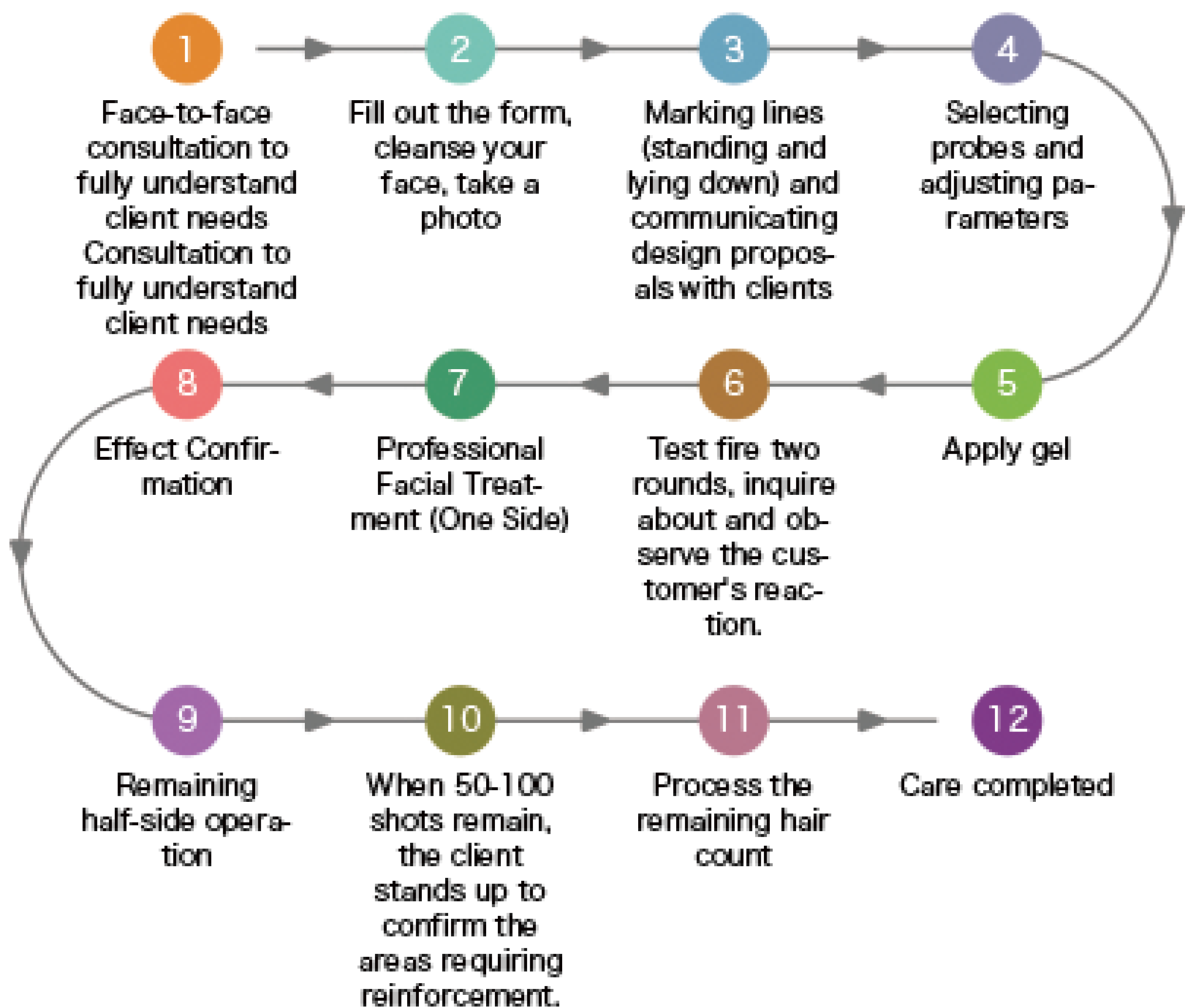
Facial Management



Body Management



2-1. Operational Procedure



2-2. Materials To Be Prepared Before Operation

Marking pen, skinfold caliper, and marking ruler; ② Ultrasound gel, gel bowl, and applicator spatula; ③ Washbasin, clean water, cleansing wipes, cotton pads, cotton swabs, paper towels; ④ Disinfectant alcohol; ⑤ Disposable drapes and head cover, disposable surgical gloves, and masks.

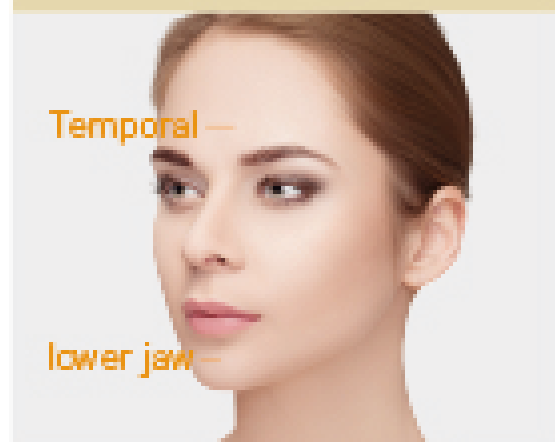
2-3. Underlining—Why Underline?

1. Marking prohibited areas: Strictly avoid operating in nerve regions, along bone margins, inside the eye socket, as well as areas such as the navel, buttocks, mammary gland tissue, and thyroid region. Markings for prohibited areas must be drawn while in the treatment position to prevent shifting;
2. Marking Key Improvement Areas: Areas requiring focus, such as double chin, eye bags, or nasolabial folds, should be marked while the subject is standing or sitting upright;
3. Preventing Overlapping Treatments or Omissions During Procedure;
4. Enhancing the Ritualistic and Professional Nature of New Procedures.

3-1. Face, Neck

1. Avoid operating on bony areas and nerve regions;
2. Do not directly operate on the orbital cavity, breasts, clavicle, supraorbital, temporal, or mandibular nerves;
3. When treating facial areas, perform procedures on one side first before proceeding to the other;
4. Do not perform consecutive operations on the same area;
5. Avoid operating on specific areas that may cause the patient discomfort;
6. After repeated treatments, assess skin reactions and patient sensitivity levels. Continue treatment or reduce parameters based on the patient's tolerance.
7. Ensure hair density is evenly distributed across the marked treatment area at all times.
8. When treating multiple layers, proceed from deepest to shallowest in the following sequence: e.g., 4.5mm, 3.0mm, 2.0mm, 1.5mm.

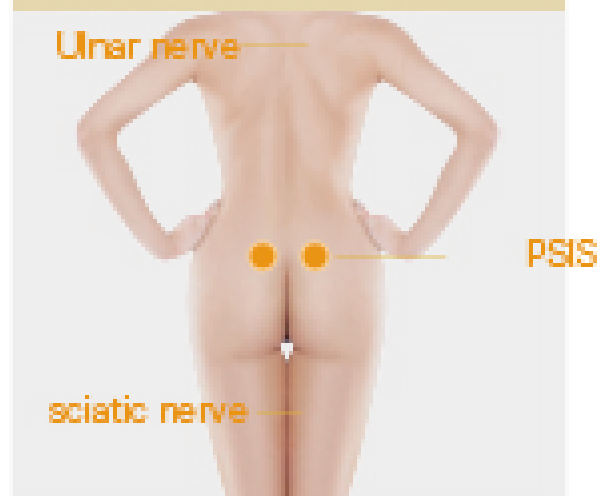
Nerve areas to avoid:
Inferior alveolar nerve, facial nerve, supraorbital nerve



3-2 . Body

1. Avoid operating on bony areas and nerve regions;
2. Do not directly operate on the navel, PSIS, pelvis, ulna, or sciatic nerve;
3. When treating body areas, perform procedures on one side first, then proceed to the other side;
4. Avoid operating on specific areas that may cause the patient discomfort;
5. After increasing the number of passes, monitor skin reactions and the patient's sensitivity level. Continue operating or reduce parameters based on the patient's tolerance;
6. Ensure hair density is evenly distributed across the marked treatment area at all times;
7. Patients must select the appropriate probe based on skinfold measurements of the target area: MF6 (12mm), MF9 (18mm), MF13 (26mm).

Nerve areas to avoid:
Umbilicus, PSIS, pelvic nerves, ulnar nerve, sciatic nerve



4-1. 13D Multi-dimensional HIFU Handpiece

Adopts 13D multi-point focused HIFU technology to precisely penetrate different fascial layers of skin. It triggers continuous regeneration of natural collagen via targeted thermal coagulation, non-invasively improves facial sagging, nasolabial folds, periorbital fine lines and blurred jawline, tightens facial contour for anti-aging and V-line lifting, body slimming.

Model name	profundity	Row number	Line spacing	Length	density	Suggested energy	Suggested number	Applicable position
1.5	1.5MM	2-13	1	25	1.5	0.3-1.0	200-300	Facial epidermis
3.0	3.0MM	2-13	1	25	3.0	0.5-1.0	200-300	Facial dermis
4.5	4.5MM	2-13	1	25	4.5	0.5-1.5	200-300	Facial fascia layer. Double chin
6.0	6.0MM	2-13	1	25	6.0	0.5-1.5	200-300	Facial fascia layer. Double chin
8.0	8.0MM	2-13	1	25	8.0	0.5-1.5	Unilateral 250-400	Butterfly sleeve
10.0	10MM	2-13	1	25	10.0	0.5-1.8	Unilateral 250-400	calf
13.0	13MM	2-13	1	25	13.0	0.6-2.0	500-800	belly
16.0	16MM	2-13	1	25	16.0	0.6-2.0	belly 500-800 Unilateral hip 400-500	Belly and hips
18.0	18MM	2-13	1	25	18.0	0.6-2.0	belly 500-800 Unilateral hip 400-500	Belly and hips
Remark	6.0/8.0/10.0/13.0/16.0/18.0 All of them are optional, and the energy and number of hair should be adjusted according to the customer's situation. Use stamp method when operating. Point mode is suitable for delicate skin, MP mode is suitable for key strengthening							



4-2. 18D RS Thermoplastic RF Handpiece

Equipped with 18D AI spiral RF energy to deeply target fat and dermis layers. It dissolves excess subcutaneous fat, improves cellulite and local fat accumulation for slimming waist, abdomen and limbs; meanwhile stimulates dermal collagen contraction to relieve facial puffiness and sagging, realizing both body fat reduction and facial tightening.

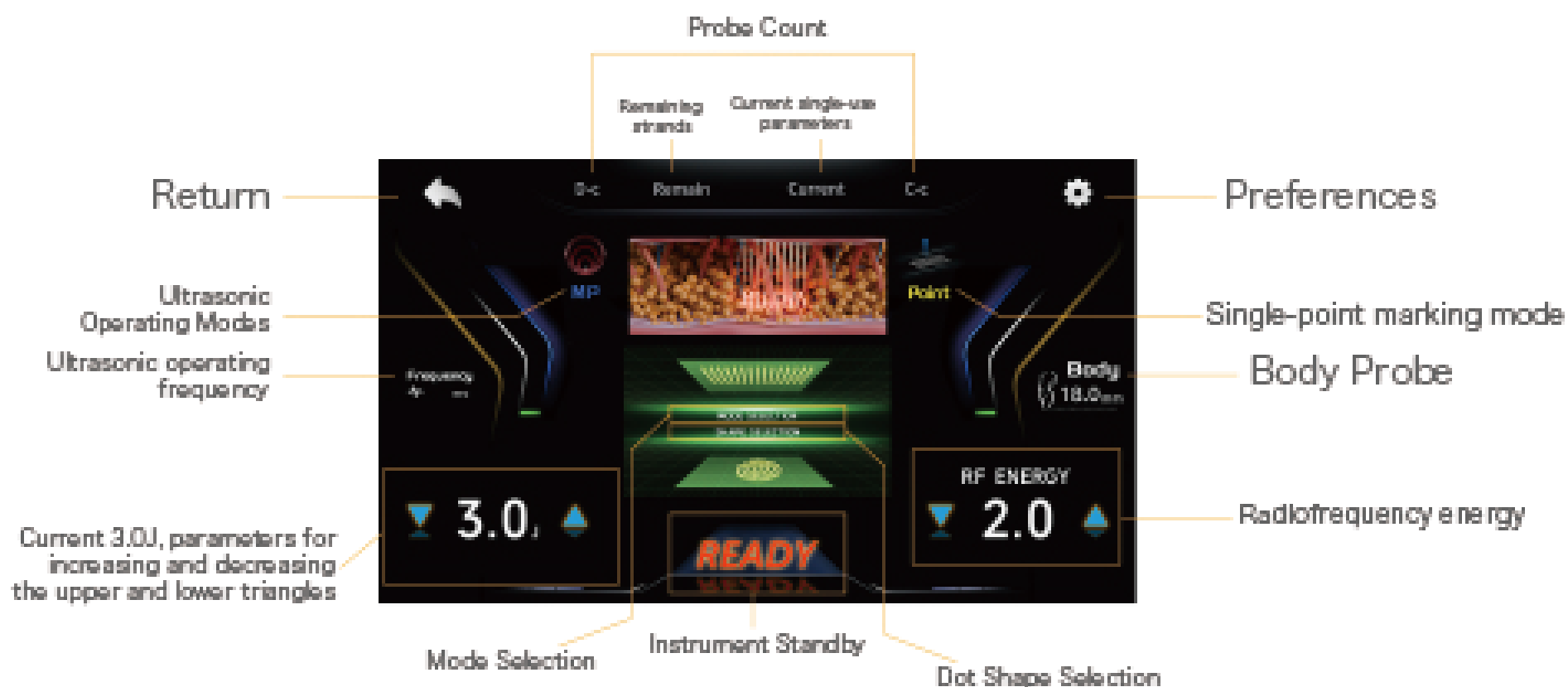
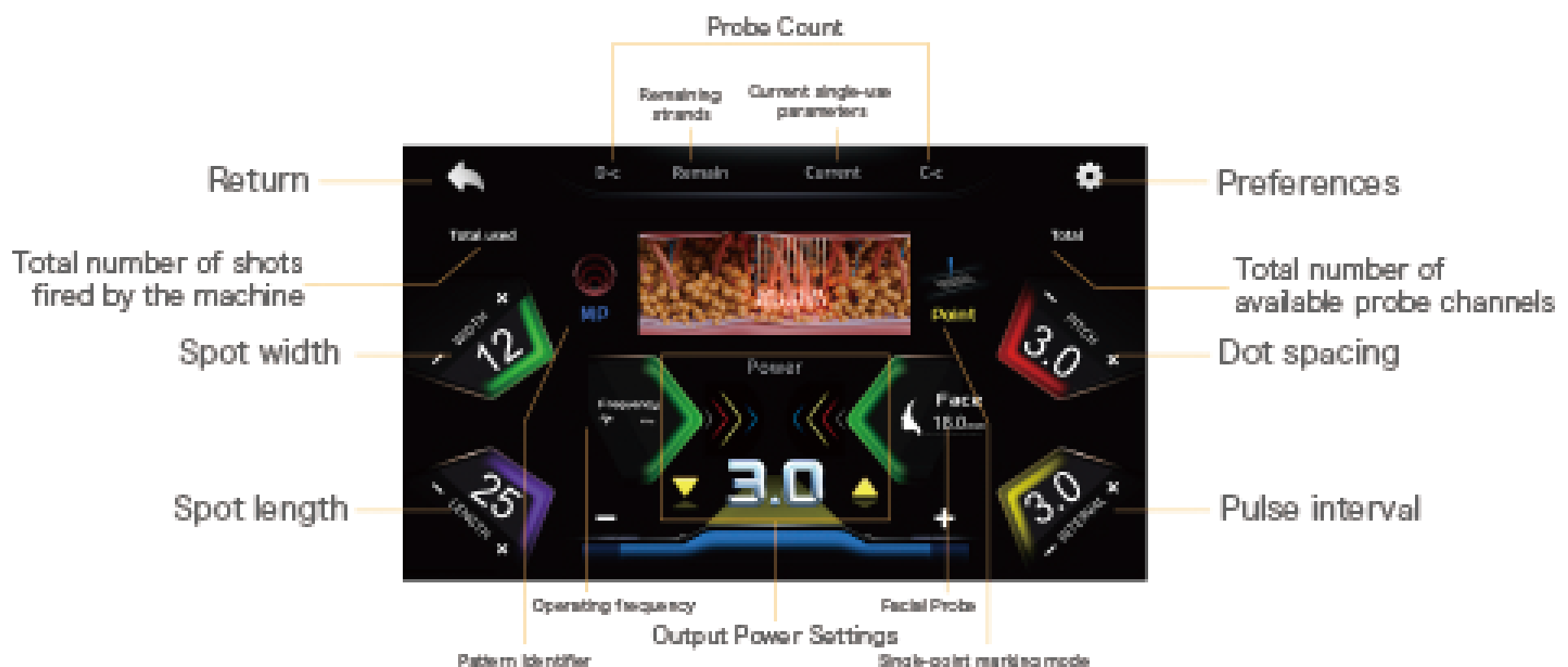
Model name	Energy	Radio frequency	Suggested energy	Suggested radio frequency	Suggested number	Applicable position	Operation mode
6.0	6.0MM	6.78MHz	0.5-1.5	5-15	200-300	Butterfly sleeve	Sliding mode Stamp pattern
8.0	8.0MM	6.78MHz	0.5-1.5	5-15	Unilateral 250-400	Butterfly sleeve	Sliding mode Stamp pattern
10.0	10MM	6.78MHz	0.5-1.8	5-18	Unilateral 350-500	Calf	Sliding mode Stamp pattern
13.0	13MM	6.78MHz	0.6-2.0	6-20	belly500-800 Unilateral hip 400-500	Belly and hips	Sliding mode Stamp pattern
16.0	16MM	6.78MHz	0.6-2.0	6-20	belly500-800 Unilateral hip 400-500	Belly and hips	Sliding mode Stamp pattern
18.0	18MM	6.78MHz	0.6-2.0	6-20	belly500-800 Unilateral hip 400-500	Belly and hips	Sliding mode Stamp pattern
Remark	6.0/10.0/16.0/18.0 are optional. The power and number of pulses must be adjusted according to the customer's situation. When using stamp technique, the energy must be reduced; When using the sliding technique, the energy can be appropriately raised. Point mode is suitable for delicate skin, MP mode is suitable for emphasis enhancement. nt.MODE SELECTION for all skin, SHAPE SELECTION for local enhancement.						



5-1. Probe Selection



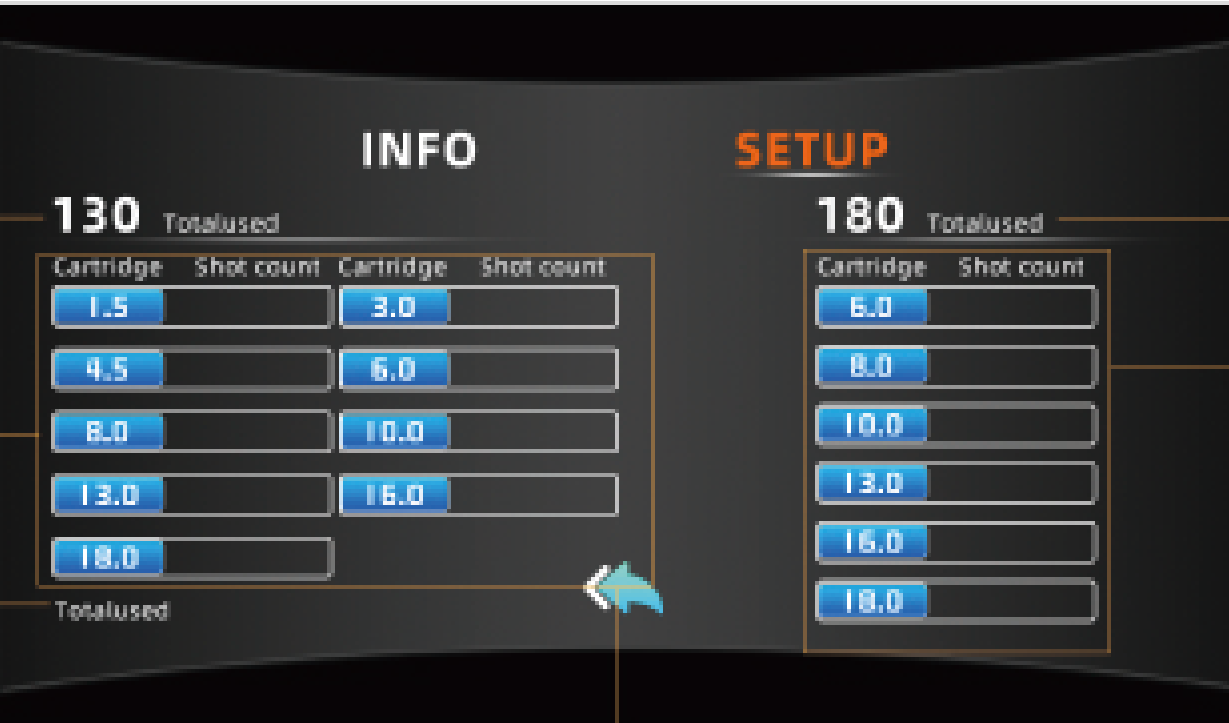
5-2. Operating Interface



5-3. Backend Settings Interface



Back



Back



Back

6-1. Instrument Details



6-2. Technical Specifications

Parameter Name	Basic Parameters
Model	M61
Name	2 in 1 Anti-Aging Device
Language	English
Voltage	AC110V-220V
Dimensions	57.5*32.5*33cm
Dimensions With Packaging	54*46*44cm
Weight	10kg
Weight With Packaging	11kg

6-3. Probe Installation Guide

1. Remove the probe, peel off the protective film, and ensure the probe interface is dry and free of foreign objects;
2. Align the probe interface with the handle, matching the raised section on the probe with the groove on the handle;
3. Gently insert the probe horizontally into the handle until you hear a click, indicating secure installation;
4. To replace or remove the probe, press the safety lock on the handle (located above the blade handle or on both sides of the cannon handle), then gently pull the probe out horizontally.



7-1. Important Precautions For Operation

1. Treatment is not recommended if the area has received dermal fillers. Inform your doctor if you have had hyaluronic acid or collagen injections in the treatment area within the past six months.
 2. Wait 3-6 months after cosmetic procedures before undergoing treatment.
 3. Not recommended for individuals with open facial wounds, severe acne, or active allergic reactions.
 4. Mild facial redness and slight stinging after treatment are normal temporary phenomena and require no concern.
 5. Not suitable during periods of unstable skin condition.
 6. Not suitable for patients with severe medical conditions.
 7. Not suitable for individuals with skin diseases.
 8. Not recommended for individuals with cardiac conditions or implanted pacemakers;
 9. Not recommended during pregnancy, menstruation, lactation, or for those with diabetes, hypertension, or metallic implants.
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7-2. Post-Procedure Precautions

1. Avoid contact with hot water in the treated area for 24 hours;
 2. Refrain from high-temperature activities (saunas, steam rooms, hot baths) for one week;
 3. Avoid spicy or irritating foods for one week after treatment;
 4. Mild soreness, swelling, or redness after treatment is normal;
 5. Apply medical-grade repair masks or pure hydrating masks daily for one month;
 6. Refrain from facial massages or heat-generating devices (cupping, muscle scraping, etc.) for 15 days.
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7-3. Precautions For Use

Warning:

1. Do not use multiple outlets in parallel to prevent fire hazards;

2. Always turn off the power switch before replacing fuses to avoid fire or electric shock;
 3. Use only 220V $\pm$ 22V, 50Hz $\pm$ 1 Hz power supply with properly grounded outlets;
 4. Damaged or modified power cords pose fire and electric shock risks;
 5. Avoid excessive bending or twisting of the power cord to prevent fire or electric shock accidents;
 6. Contact the company immediately if the instrument becomes loose, falls, or is damaged;
 7. Do not use this instrument in unstable environments such as tilted surfaces, areas with vibration, or locations subject to impact;
 8. Prevent water or foreign objects from entering the instrument interior. Contact the company immediately if any foreign objects are found inside;
 9. Always disconnect the power plug before moving the instrument;
 10. Minimize vibration during instrument transportation.
 11. The instrument should be placed on a stable surface with at least 5 cm of clearance around it to ensure
 12. adequate airflow for heat dissipation;
 13. Do not cover the instrument with any objects to prevent vent blockage;
 14. Avoid using this instrument in the following environments:
 15. Areas exposed to direct sunlight, high humidity, proximity to water, vibration, tilted surfaces, strong magnetic fields, locations with electromagnetic waves or surge voltages, chemical storage areas, or locations with corrosive gases;
 16. Do not place or operate this instrument near radios, televisions, photocopiers, fax machines, or similar devices;
 17. Do not operate simultaneously with other instruments (e.g., microwave ovens) to prevent mutual interference and operational errors.
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7-4. Precautions Before Use

Warning:

Before powering on, carefully read the user manual. Operators must be thoroughly familiar with the manual and operating procedures. The instrument must be managed by designated personnel. Parameter settings should be configured under professional guidance.

 Caution:

- 1、 Verify the instrument is in normal operating condition before use;
 2. Confirm the grounding wire is correctly connected;
 3. Verify all cables are securely and correctly connected;
 4. Exercise extreme caution when using multiple instruments simultaneously to prevent hazards.
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7-5. Precautions During Use

 Warning:

If any abnormalities occur with the instrument or patient during operation, the operator must immediately remove the control handle from the patient and press the stop switch to halt instrument use.

 Caution:

Continuously monitor both the client and the device during operation, remaining alert for any abnormalities. This device must be operated correctly by a trained technician only. Unauthorized personnel are strictly prohibited from using it.

7-6. Precautions During Malfunction/Maintenance/Inspection

 Warning:

Do not use the device if any abnormalities occur:

1. If smoke or a burning odor occurs, or if operation becomes impossible, continued use may cause fire or electric shock hazards. In case of danger, immediately press the stop button, turn off the power, unplug the power cord, and contact our company or authorized dealer.
2. Unauthorized personnel other than technical staff are strictly prohibited from repairing or modifying the device. Do not open the device's interior to prevent hazards. Violators bear full responsibility for consequences.

 Caution:

- 1、 Instruments and components must undergo regular inspections;
2. Do not use cleaning tools that may damage the protective coating, such as brushes or brooms;
3. If the instrument remains unused for more than two weeks, it must be

thoroughly inspected before reuse.

7-7. Warnings And Precautions

Warning:

Connecting high-frequency equipment and this device to the same patient simultaneously may cause skin tissue burns at the electrode sites or damage the device. Using this device near shortwave or microwave equipment (within 1m) may cause unstable output due to microwave interference. Using electrodes near the chest increases the risk of cardiac fibrillation.

7-8. Maintenance And Care

Daily inspection personnel must perform the following checks on the device and its components:

1. Verify the power outlet has a reliable ground connection. Replace the outlet if grounding is absent.
 2. Power cord: Inspect for deformation, breaks, or exposed wires. Visually check for deterioration or damage. If present, immediately replace the power cord to prevent fire hazards from electrical leakage.
 3. Control handle: Inspect output wires for deterioration or deformation. Visually check for breaks or exposed wires. If present, immediately replace the handle.
 4. Verify that the pre-use instructions displayed on the device are correct. If incorrect, cease operation immediately.
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7-9. Fuse Replacement

Power fuse specification: 8A (Φ 5 × 20mm)

Follow these steps to replace the fuse:

1. Turn off the power switch;
2. Unplug the power cord;
3. Use a screwdriver to pry open the fuse housing;
4. Remove the faulty fuse and install a new one;
5. Replace the fuse cover;
6. Plug in the power cord.

Warning:

To prevent electric shock when replacing the fuse, you must turn off the power and unplug the power cord.

When cleaning dust inside the instrument after prolonged use (over one year), professional maintenance personnel should perform the task. When not in use, store the instrument in a well-ventilated, dry location and cover it with a dust cover.

Caution:

1、 This product must be used strictly in accordance with the instructions in this manual. The user shall bear full responsibility for any consequences resulting from misuse or improper use not specified in the manual. The company assumes no liability whatsoever.

2. The company makes no warranties of any kind, including (but not limited to) implied warranties of merchantability or fitness for a particular purpose. The company shall not be liable for any errors contained herein, or for incidental or consequential damages arising from the provision, actual performance, or use of this manual.

3. This manual contains proprietary information protected by patent laws. No part may be photographed, photocopied, reproduced, or translated into other languages without the Company's written consent. The contents herein may be changed without notice to users.

7-10. Manufacturer's Liability

The Company shall only be held responsible for the safety and reliability of the instrument under the following conditions: assembly, operation, recalibration, modification, and maintenance are performed by personnel authorized by the Company; relevant electrical equipment complies with national standards; and the instrument is used in accordance with the operating instructions.

Warning:

This is a cosmetic device, not a medical device. Do not use for medical purposes.

If the beauty institution responsible for using this instrument fails to implement a satisfactory operating protocol, it may cause abnormal instrument failure and potentially endanger personal health. Currently, upon user re

quest, our company will provide circuit diagrams for a fee, along with a checklist detailing calibration methods and other information. This is to assist users in having appropriate, qualified technical personnel repair those instrument components classified by our company as user-serviceable.

7-11. Warranty

Manufacturing Process and Materials: The company warrants that the instrument (excluding accessories) will be free from defects in workmanship and materials for one year from the date of shipment, provided it is used and maintained under normal conditions. The company's inspections are not infallible.

12-1. Warranty Card

Product Name:		Model:	
Production Date:		Serial Number:	

- The machine from the date of purchase (with the ticket) within 7 days of quality problems and appearance intact can be replaced by a new machine, the host warranty of one year (except for wear parts); other non-warranty or has passed the warranty period, but also responsible for the maintenance and updating, need to be charged the appropriate cost of maintenance; if the instrument malfunctions and need to be sent back for repair, from the date of purchase within six months of the buyer to bear the cost of sending back to the shipping costs, the seller to bear the cost of sending out; more than six months The buyer shall bear all the transportation cost.
- The following users of personal reasons for failure, do not provide free warranty service:
 - Unauthorized disassembly, modification of the product failure;
 - The use of careless fall, fall and cause failure;
 - Failure caused by lack of reasonable maintenance;
 - Failure to follow the correct instructions in the instruction manual.

Customer name:		Purchase Date:	
Address:			
Contact Number:			

Warranty Record: Maintenance Date:	Delivery date:	Model:
Cause Of Issue:	Customer's name:	
Processing Method And Result:	Contact number:	
	Delivery address:	

Warranty Record: Maintenance Date:	Delivery date:	Model:
Cause Of Issue:	Customer's name:	
Processing Method And Result:	Contact number:	
	Delivery address:	

Warranty Record: Maintenance Date:	Delivery date:	Model:
Cause Of Issue:	Customer's name:	
Processing Method And Result:	Contact number:	
	Delivery address:	

12-2. Warranty Information

- 1、 After purchasing the instrument, complete the warranty card and mail it to the manufacturer or authorized distributor to activate the warranty;
 2. The main unit is covered by a one-year free warranty for product quality issues starting from the date of purchase documentation issuance (Note: Warranty requires proof of purchase and warranty card. Coverage applies only to the main unit, excluding accessories and other consumables requiring periodic replacement).
 3. After the warranty period expires, please contact the manufacturer directly for service support;
 4. For repairs, contact our Customer Service Department or authorized dealers. Do not attempt repairs yourself. Unauthorized disassembly voids the warranty.
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12-3. Service Life

- 1、 The warranty period for this instrument is 1 year (Note: Excludes damage caused by human error);
2. Accessories are warranted for 3 months (Note: Excludes damage caused by human error);
3. Instruments exceeding their service life may continue operation only after inspection and approval by an engineer. Subsequent use requires periodic performance testing by an engineer;
4. Disposed instruments and accessories beyond their service life must be handled in accordance with local regulations.