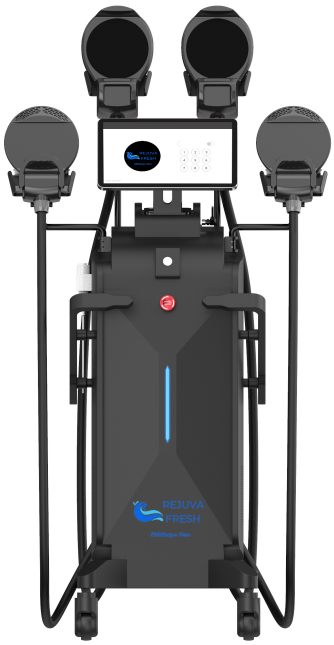
User Manual

of

EMShape Neo



Contents

Chapter 1 User Information

Before use, the operator must read the user manual carefully and carefully check whether the various functions of the equipment are working properly to avoid unnecessary damage.

1.1 Safety measures

When the system processor is started, the processor will perform self-test. During the treatment, the processor will perform self-test continuously and from time to time.

In an emergency, please unplug the power supply in time to turn off the device.

Note: Only personnel trained by the dealer have the right to maintain the internal facilities of the instrument. Any unauthorized handling may cause damage to the instrument and invalidate the warranty.

1.2 User training

Don't be full during treatment, at least 1 hour after meal, no metal objects should be carried on the body and no electronic products or metal objects should be placed on the instrument during the operation. The operation part and the treatment probe should be dry and dry, without water or moist, and the operation energy should be ensured. It varies from person to person, starting with low energy and gradually increasing.

1.3 Equipment mechanical and electrical safety

The power supply used by the equipment is 200V~240V (50/60Hz) single-phase power supply, international standard (120cV~260V, 50/60Hz); 10A (90~130V, 50/60Hz) single-phase three-wire socket.

The equipment is in contact with the ground through three wires, and the ground wire must be reliably grounded. Only authorized personnel can repair the equipment, otherwise the warranty will be invalidated.

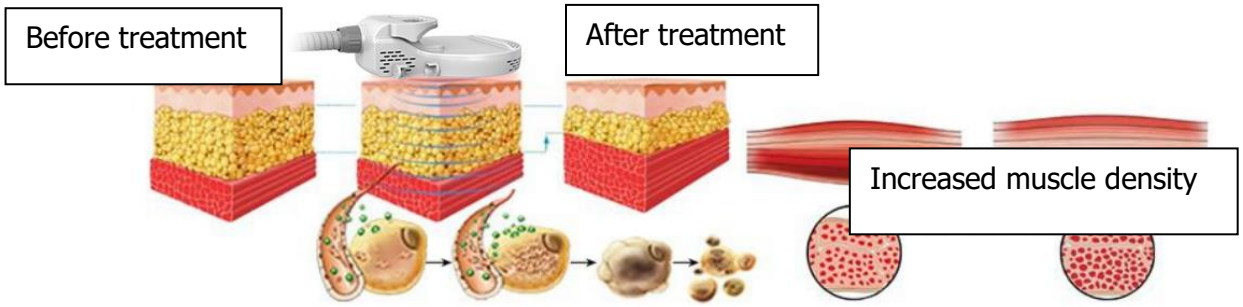
Note: Avoid using flammable materials such as acetone and alcohol in the operating range. When disinfecting the equipment with alcohol-containing products, make sure that the alcohol has evaporated completely before proceeding with the equipment operation.

Chapter 2 Product Introduction

2.1 Product overview

It uses the most advanced (HIFEM) high-intensity focused magnetic vibration technology to directly stimulate motor neurons to continuously expand and contract your own muscles (this kind of contraction is not achieved by your usual exercise or fitness exercise), 30 minutes of treatment The energy pulses can stimulate up to 30,000 strong muscle contractions, help fat cells metabolize and decompose strongly, and at the same time, with muscle strengthening, bring new technological experience to body shaping.

Working principle: It uses non-invasive high-intensity focused magnetic vibration (HIFEM) technology to release high-frequency magnetic vibration energy through a large treatment handle to penetrate the muscle tissue to a depth of 8cm, and induce continuous expansion and contraction of muscles to achieve high-frequency extreme training. Deeply remodel and grow myofibrils (muscle enlargement), and produce new collagen chains and muscle fibers (muscle hyperplasia), thereby training and increasing muscle density and volume. The 100% limit muscle contraction of HIFEM technology can trigger a large amount of lipolysis. Fatty acids are broken down from triglyceric acid and accumulated in large amounts in fat cells. Excessive fatty acid concentration can cause fat cells to undergo apoptosis and be excreted from the body through normal metabolism within a few weeks. Therefore, Magnetism can strengthen and increase muscles while achieving the effect of reducing fat.



2.2 Product structure and performance

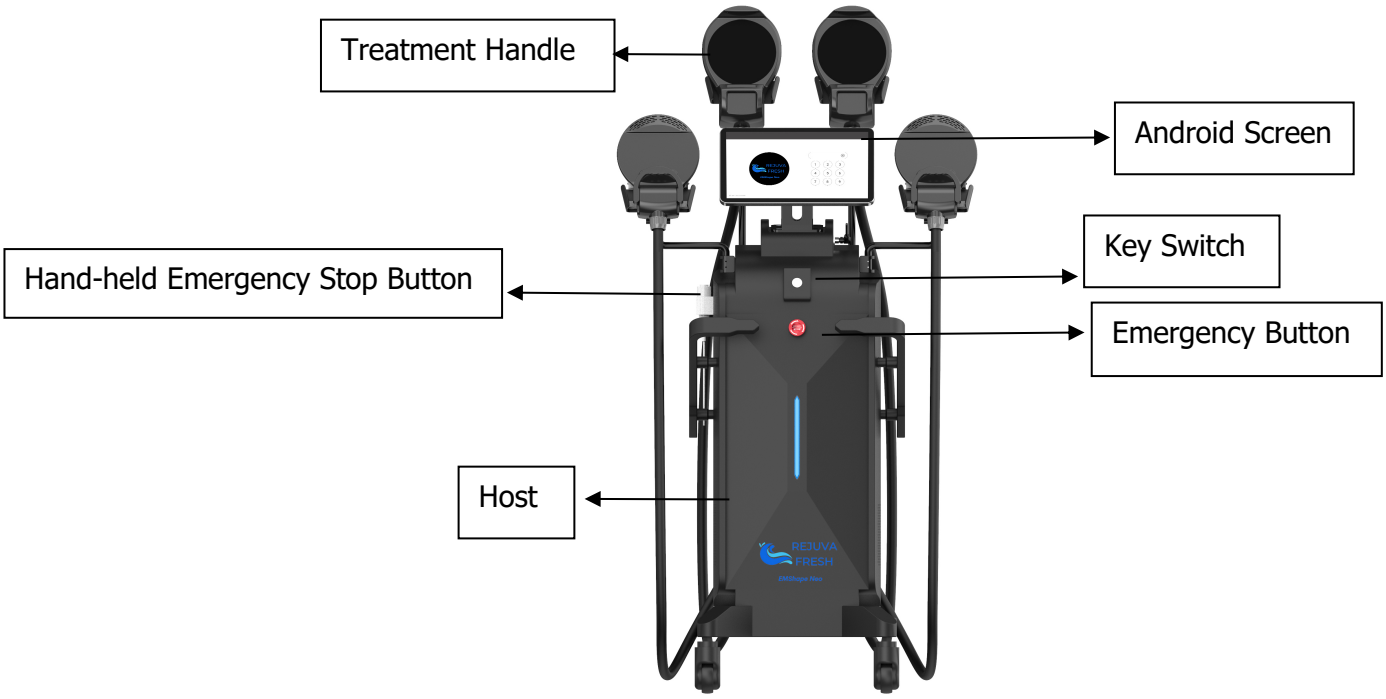


Figure 2-2-1

From the figure 2-2-1, it can be seen that the magnetic slim is mainly composed of a host, a control module, and a treatment handle. The control module includes a power switch and a control screen; the control screen is a 13.3-inch liquid crystal display, and its treatment heads are a high-intensity focused magnetic vibration treatment head and RF treatment head.

2.2.1 Equipment structure composition

2.2.1.1 Host

For a device, the host is all its appearance, and it is also the carrier of other components of the product. The mainframe of Magnetics is generally composed of the following parts:

Power module: the power supply to the entire equipment system is the power source for the equipment to work.

Control module: As the control center of the equipment, through the acceptance and function of input information, the output control equipment realizes the functions required by the design and realizes the needs of users.

Display module: As a human-computer interaction interface, it displays various information of the system and accepts instructions from users.

2.2.1.2 Control Panel

The operation of Magnetics is mainly completed by the control module, which mainly includes the following parts:

Power switch: Turn on the device to connect the device to the power supply.

Control screen: As a human-computer interaction interface, it displays operating settings and adjusts system parameters.

2.2.1.3 Treatment handle

The treatment handle is the main body of the operation, which includes a bellows and a treatment head. The bellows is equipped with power cords and data cables; the treatment head is shown in Figure 2-2-2.

Figure 2-2-2

2.2.2 Product performance parameters

Table 2-2-2-1 Product performance parameter table

Performance	Data
Operating Voltage	110V
Power	MAX5000W
RF	5M
Frequency	10-90hz
Pulse Width	250us
Power	2500W
Cooling System	Air Cooing
Operation Interface	13" TFT True Color LCD
Total Weight	75kg
Machine Size	44cm*50cm*115cm
Packing Box Size	50cm*60cm*123cm
Weight	100kg

Table 2-2-2-2 Handle performance parameter table

performance	Lamb Handle	Body handle
Coil Diameter	130mm	130mm
Coil Turns	21 turns	21 turns
Coil Thickness	15mm	15mm
Inductance	27uh-30uh	27uh-30uh
Peak Current	1800A	1800A
Peak Voltage	1400V	1400V

Output Mode	Pulse	Pulse
Frequency	10-90hz	10-90hz
RF Output	5M	5M
Handle Weight	1.5KG	1.5KG
Handle Length	2 Meters	2 Meters

2.3 Equipment treatment range

Cilishou is mainly used for sculpting and gaining muscle.

2.4 Product accessories

The components of the product accessories of Cilishou are shown in Table 2-4-1

Table 2-4-1 List of accessories of magnetic thin products

Accessory name	Quantity
User manual	1
Treatment handle (including hanger)	4
Power cable	1
Bandage	4
Hand-held emergency stop	1

Chapter 3 Equipment Installation

3.1 The installation process of the equipment

The equipment should be installed in an environment with no corrosive gas, dust, and less particles. The corrosive gas will damage the electronic and mechanical components and connecting wires of the equipment. More dust and particles in the air can cause damage to filters and electrical components. The temperature and humidity range of the equipment installation environment should meet the requirements of the equipment's performance parameters.

The installation process of the equipment:

* Take out the device.

* Leave the removed device for one day to avoid excessive humidity and damage to the device due to long-distance transportation.

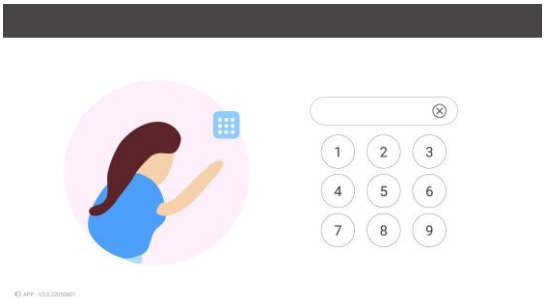
* After the humidity of the equipment is appropriate, assemble the various parts of the equipment to ensure that the connections at each interface are stable.

*After all components and power supply are connected, open the device and test its performance and system parameters under the condition of ensuring that the device is connected correctly.

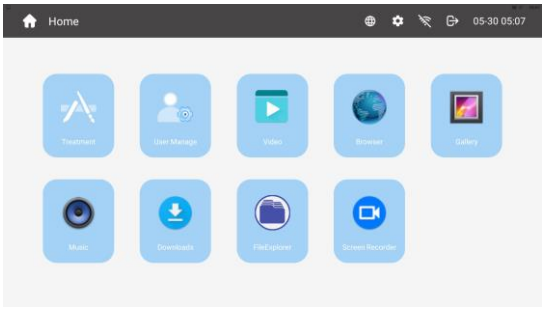
Chapter 4 Device Software Operation Instructions

4.1 Operation interface

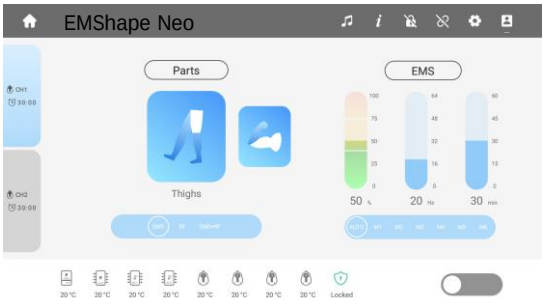
4.1.1 Operation interface introduction



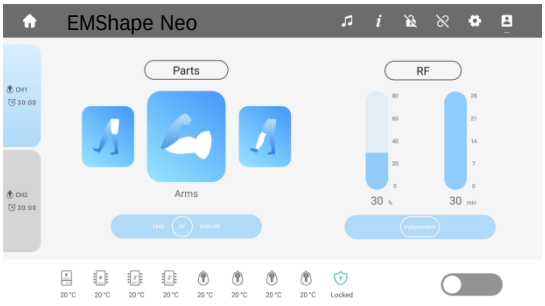
1.User login interface



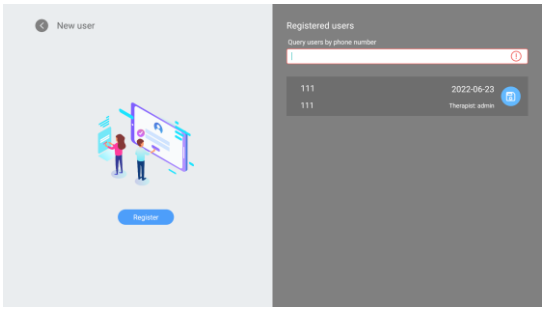
2.Program selection interface



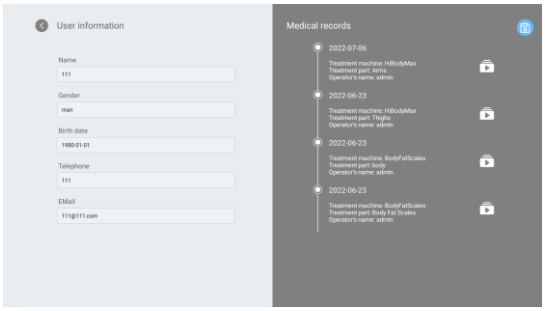
3.EMS function main operation interface



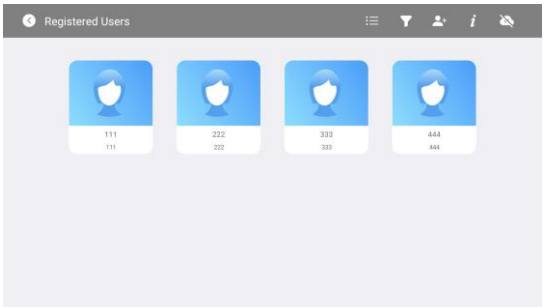
4.RF function main operation interface



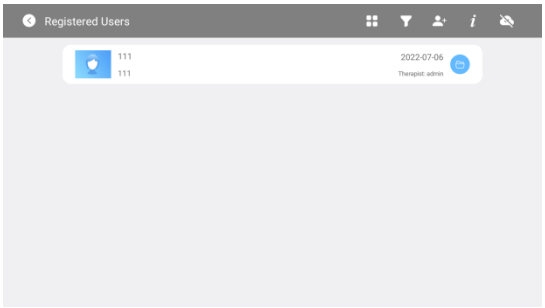
5.User search interface



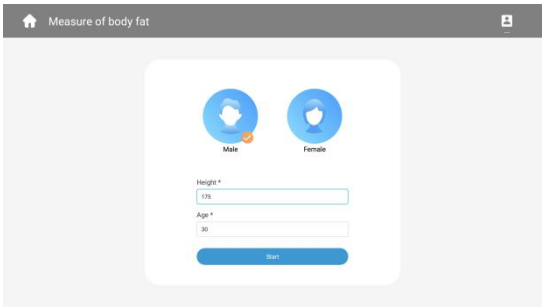
6.User history therapy interface



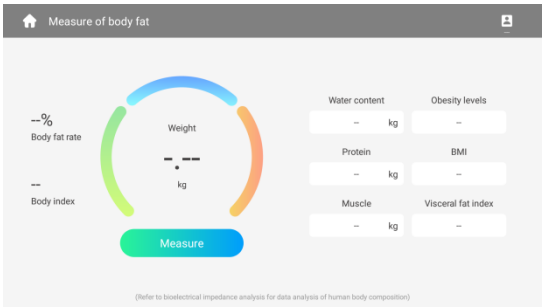
7.User list style 1



8.User list style 1

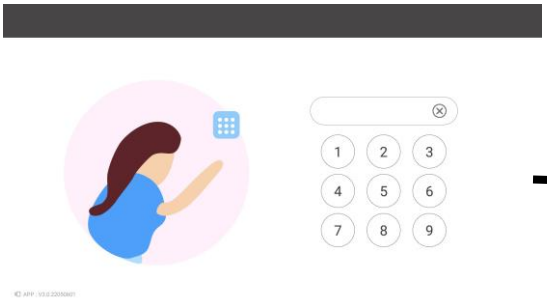


9.Body fat scale user enter interface

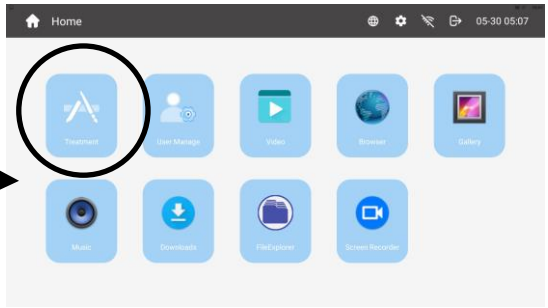


10.Body fat scale health monitoring interface

4.1.2 Query Method for new user and history treatment

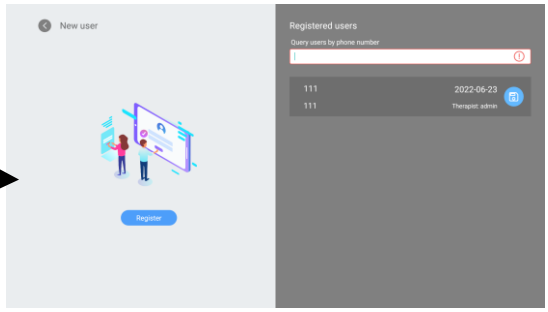


1.User login interface interface

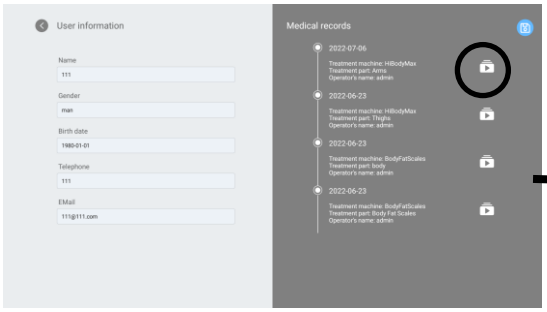


2.Program selection interface

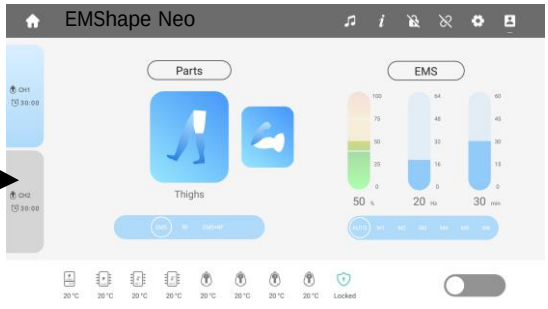
3.Main operation interface



4.User search interface

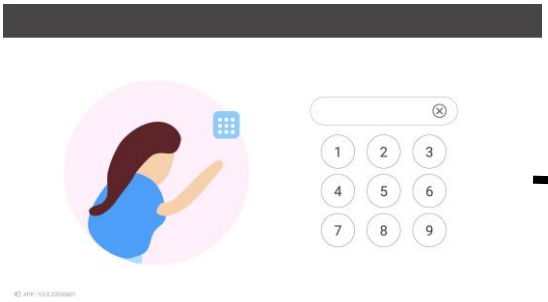


5.User history therapy interface

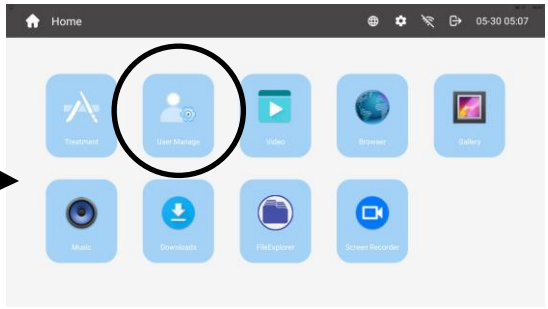


6.Return to the main operation interface again

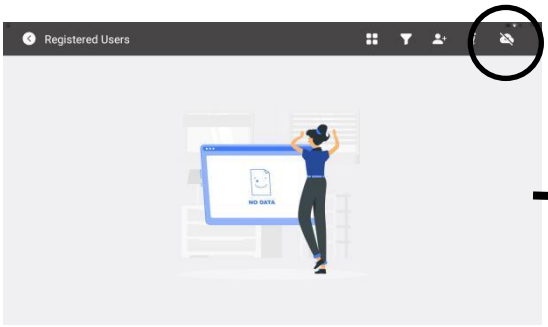
4.1.3 Query Method for old user and history treatment



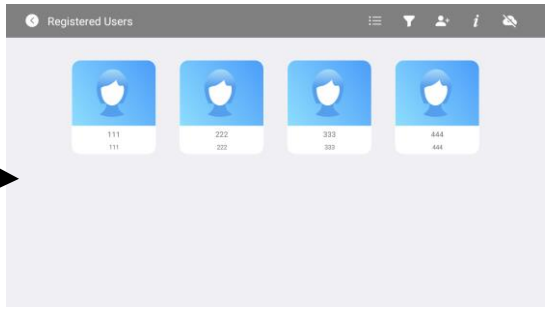
1.User login interface



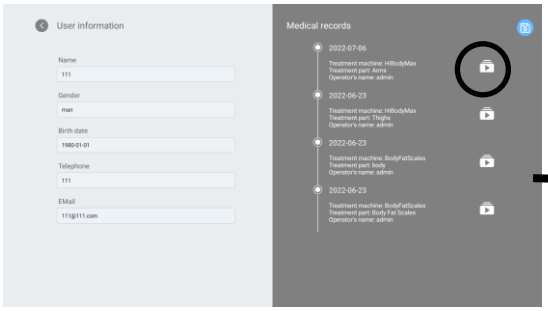
2.Program selection interface



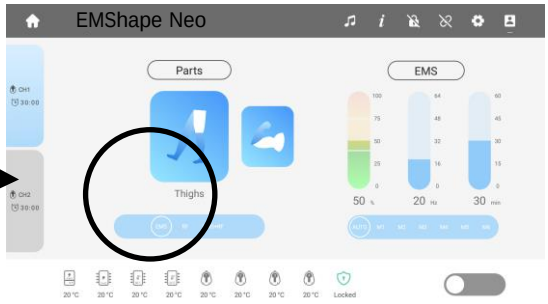
3.Main operation interface



4.User list interface



5.User history therapy interface



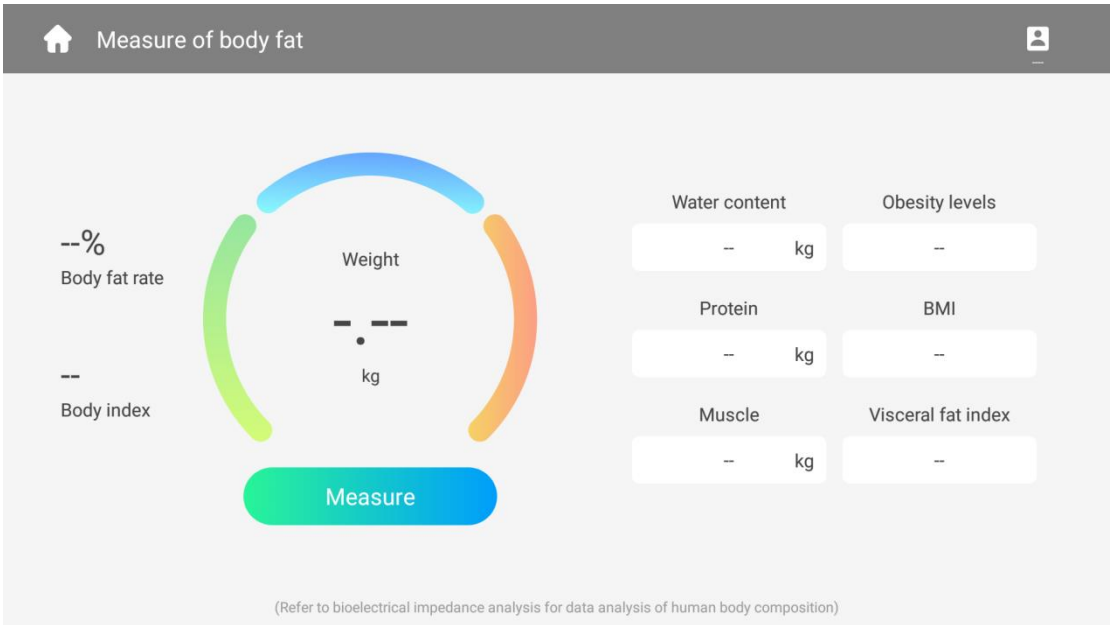
6.Return to the main operation interface again

4.2 Body fat scale and interface operation instructions

➢ body fat scale instruction

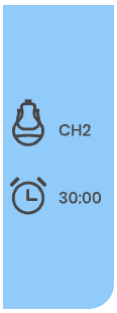
- 1、Size: 320*320*23mm, Net weight: 2KG, Operating temperature: 5℃-40℃, Power supply: 4*AAA Dry battery;
- 2、Weighing range: 5kg-150kg, Connection type: Bluetooth 4.0 and above, Connected Device Requirements: Android 4.4 and above;
- 3、Frequency range: 2400mhz-2483mhz, Test age: 7-99 years old;
- 4、Key fitness and weight loss test data: Body fat mass, Muscle, BMI Index, Weight, Body fat rate, Protein etc.
- 5、Health testing data: Water, Sclerotin, Skeletal muscles, Body weight management, Obese degree, Body type, Body age, Health ranking, Fat management, Muscles management, Fat free mass, Basal metabolic rate, Visceral fat index, Standard body weight, Nutritional condition etc.

➢ interface operation instruction



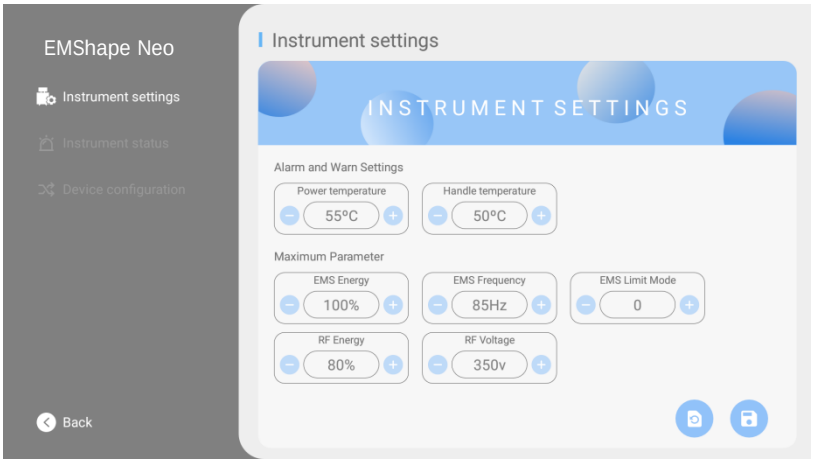
4.2.1 Operation interface introduction

Table 4-2-1-1 Operation interface introduction

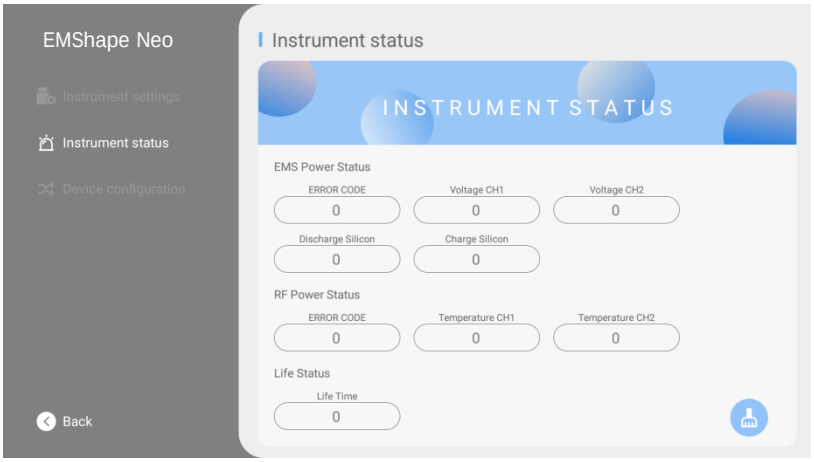
Icon		Name	Function
User setting button		Handle selection	Click to select P1/P2 handle
		Handle selection	Click to select P3/P4 handle
		Auto mode& 6 modes selection	Click to start auto mode or click to start 1-6 modes
		Buttocks selection	Choose buttocks treatment
		Abdomen selection	Choose abdomen selection

		Arm selection	Choose arm selection
		Thigh selection	Choose thigh selection
		Calf selection	Choose calf selection
		Start/stop selection	Click to select the start/stop function
		Background setting selection	Click to enter the background interface settings

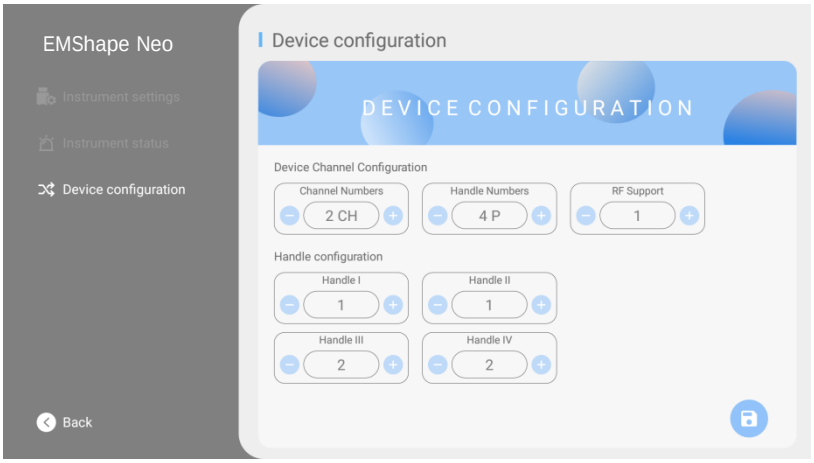
4.2.2 Background interface operation instruction



Instrument Settings



Equipment state



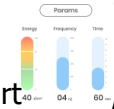
Device configuration

4.3 Detailed equipment operation steps

* Before treatment, the operator should communicate some details with the treatment object to make sure that the object meets the requirements of contraindications and does not wear metal ornaments;

* First, put the handle on the specific treatment body parts, next, use a standard treatment strap to fix the handle on the body parts, Third, start the system and enter the treatment parameter interface;

* Click  /  to select treatment handle, when  /  the icon is lit, he corresponding icon  is optional, After selecting, click the  button, and the handle will enter the working state.

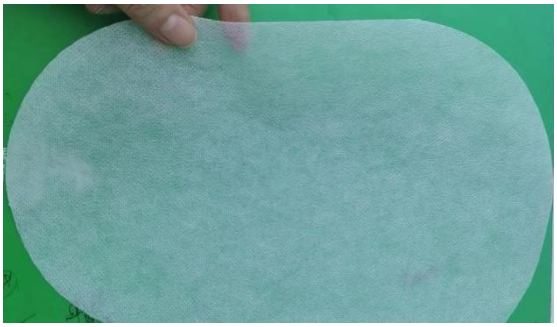
* The treatment parameters are automatically generated according to the selection of the part  , and the treatment parameters can be set by themselves according to the actual situation of the treatment target.

*  can work at the same time or separately, and the treatment energy can be adjusted separately;

* The system provides 6 groups of modes, which can be selected and switched according to the needs of treatment objects, suitable for first-time users.The auto mode is based on the treatment time, mode, frequency, energy and other parameters, from soothing treatment to strong treatment as a treatment session, which is suitable for people who often exercise.

4.4 Clinical use of therapeutic handle tools

- 1. Disposable medical protective film, no damage to skin and effective protection;
- 2. Using disposable medical protective film, no attenuation for RF energy output of handle during treatment;
- 3. Use the disposable medical protective film to isolate the treatment handle from the skin, which is clean and sanitary for treatment object.



4.5 Contraindications and precautions

* Do not operate near the head, neck/carotid artery, rich package, and near the chest gallery;

* The two handles cannot work opposite each other;

* Do not carry any metal objects on the healer;

* Do not be full during treatment, and treat at least 1 hour after meals;

* The operation part and the treatment probe are ensured to be dry and water-free or (no) wet;

* Operating energy varies from person to person, first gradually increase from low energy;

* The total operation time in a day does not exceed 1.5 hours, and one part does not exceed 1 hour;

* Do not put any electronic products or metal objects on the instrument during operation;

* It is forbidden to eat or drink during the operation;

* Try to eat after 1 hour after the operation (you can drink more water and eat foods with high protein content).

* People who are unable to receive treatment in the following situations

▲The project needs to avoid menstruation, pregnancy, and lactation;

▲Use with caution in patients with heart disease, hypertension, thyroid, malignant tumor, kidney failure, epilepsy, muscle strain, etc.;

▲There are metal or electronic implants in the body (metal contraceptive ring, cardiac pacemaker, cardiac defibrillator, neurostimulator, use with caution in people such as drug pumps and stents;

▲Use with caution in patients with thrombophlebitis, cerebrovascular disease (stroke patients), brain injury or brain surgery.

Chapter 5 Equipment Maintenance

5.1 Cleaning of the main unit

Use a soft damp cloth to clean the main unit, but avoid liquids from flowing into the inside of the instrument.

5.2 Cleaning the treatment handle

* Clean the treatment handle regularly, and wipe the treatment handle with a cotton cloth or a cotton ball moistened with absolute ethanol.

* The treatment handle should not be bumped or dropped. If it is damaged and cannot work, you need to contact the dealer to buy it again.

5.3 System failure processing

Table 5-3-1 System failure processing

Fault name	**Approach**
No display on the screen	Check the power cord
	Check circuit breaker, fuse

	Check the power switch
	Please contact your seller
The power button does not respond	Please contact your seller
The system could not be initialized	Please check the power supply
	Please contact your seller.
The output energy is weak or no energy output	Whether the handle is firmly inserted
	Whether the handle is damaged
	The treatment head is overheated, turn off the cooling for half an hour before using
	Please contact the seller

Chapter 6 Specifications

This chapter details the most important technical parameters and system categories of treatment systems.

Table 6-1 System Specifications

Parameter	**DATA**
*** Electronically connected data**	
Line voltage:	110/220VAC ±10%(See system label)
Line frequency:	10-90hz
*** System category**	
Types of protection against electric shock:	Class I equipment
Degree of electric shock protection:	None
Degree of protection against harmful water intrusion:	Ordinary equipment
*** Climatic conditions (during operation)**	

Ambient temperature	+15℃ to +30℃
Relative humidity	30% to 80%
Atmospheric pressure	86.0 kpa to 106.0kpa
*** Climatic conditions (during transportation and storage)**	
Ambient temperature	-20°C – +60°C;
Relative humidity	≤ 93 %, Non-condensing
Atmospheric pressure	86.0 kpa – 106.0kpa
*** Size and weight**	44cm*50cm*115cm
length	44cm*50cm*115cm
width	50cm*60cm*123cm
weight	100KG