

Cryo XCool Plus3

FREEZE SLIMMING *Device*



Principle Introduction

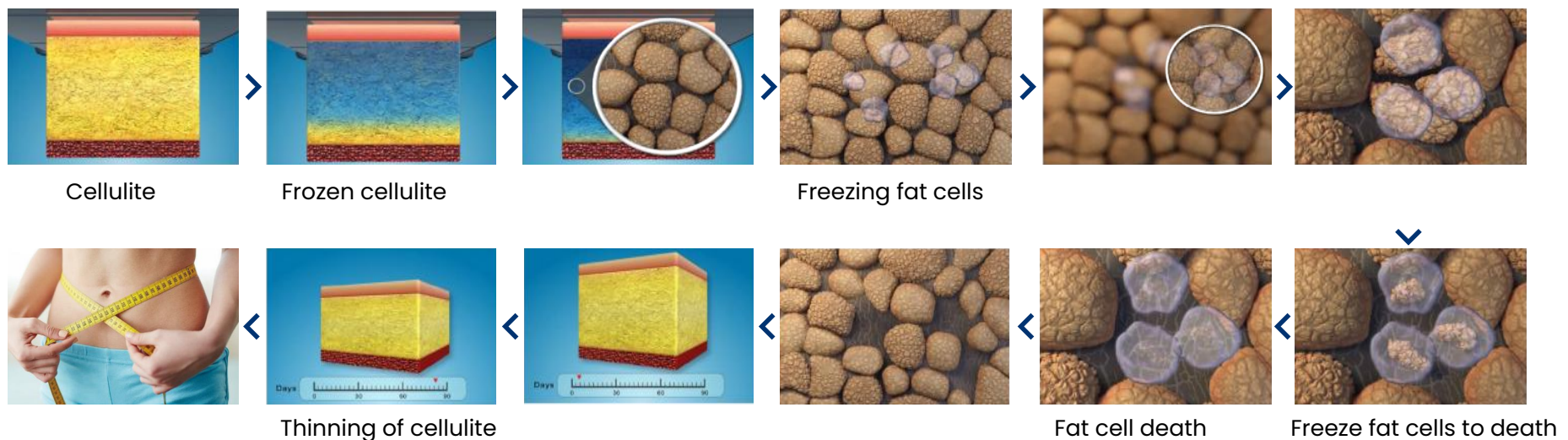
Treatment principle:

Cryolipolysis uses the triglycerides in human fat to transform into solid at a low temperature of 5°C. The freezing energy is precisely controlled by a non-invasive freezing energy extraction device and delivered to the designated fat-dissolving area, which eliminates the fat cells in the designated area in a targeted manner. The triglycerides in the fat cells in the designated area are transformed from liquid to solid after being cooled to a specific low temperature. They die one after another after crystallization and aging, and are excreted from the body through metabolism. The fat in the body is gradually reduced, thereby achieving the body-sculpting effect of local lipolysis.

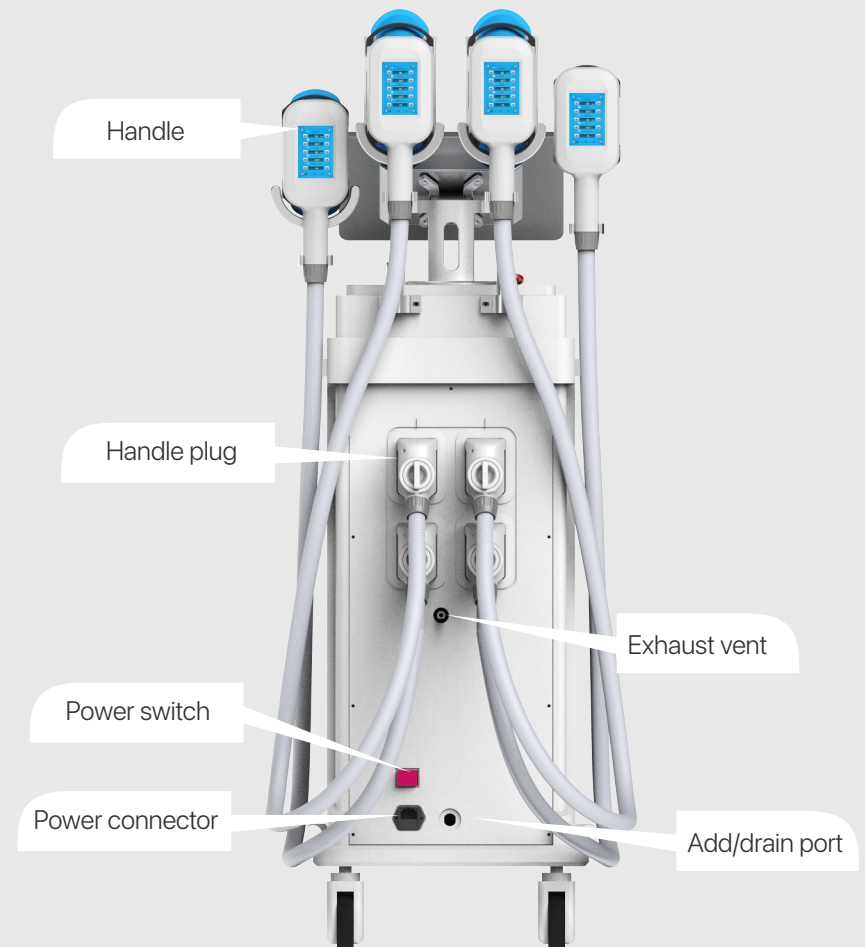
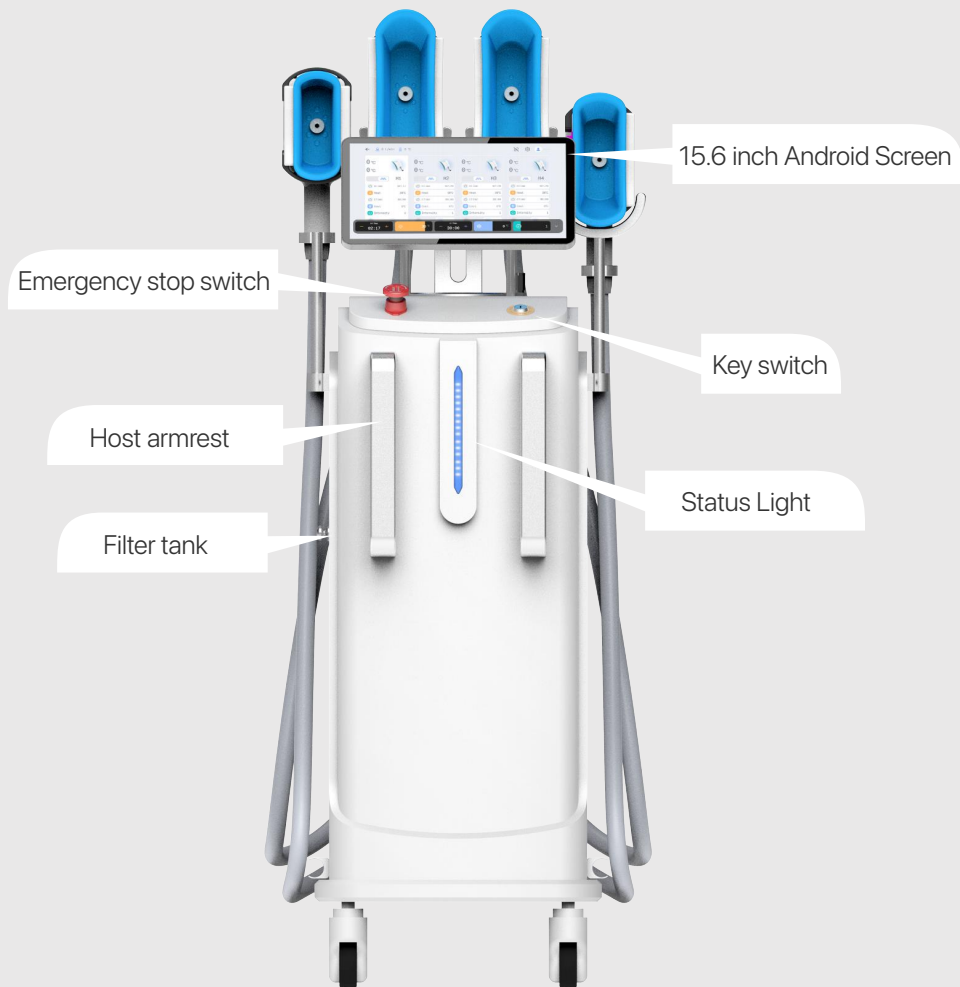
Working principle:

The ice effect is transmitted to the part where fat is to be reduced. Fat cells crystallize at a temperature above the freezing point of water. The triglyceride in fat is converted into a solid at 4°C, which effectively destroys fat cells (apoptosis). Because fat cells converted into solids will age prematurely, they are gently eliminated and excreted from the body through the normal metabolic process, making the fat layer thinner and reducing fat, achieving the fat-reducing effect without damaging the surrounding nerves, blood vessels and skin surface tissues. At the same time, the muscle origin and muscle insertion movement are stimulated to induce muscle fiber tension and pulling force, so that the skin can regain firmness and elasticity.

Intended use: Fat reduction.



Display





CATALOG

1

Key advantages

2

Introduction to the advantages
of Android system

3

Advantages of WEB Customer/
Product Management System

4

Introduction to the performance
parameters of the machine

5

Cryolipolysis Clinical Matching Plan

Advantage



The whole machine process adopts sheet metal bending and welding technology to ensure the strength and firmness of the shell. The matching gap is uniform and beautiful.

The sheet metal adopts the process of spraying plastic first and then painting. Spraying plastic can prevent rust and corrosion. Spraying paint can make the surface more textured, more beautiful and more upscale. Simple, pure color style, medical style.

Advantage

The handpiece uses four different sizes of frozen cups, and the treatment heads of different shapes and sizes are flexible and ergonomically designed to adapt to the whole body contour treatment, and treat fat accumulation in double chins, arms, abdomen, side waist, buttocks, thighs, etc. The instrument is equipped with four handles that work independently or synchronously.



Large handle

Standard size:
L210xW60x D55mm

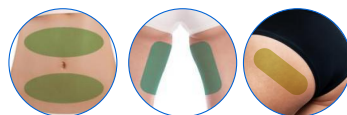
Treatment areas:
Abdomen/Inner Legs



Medium handle

Standard size:
L160xW60xD55mm

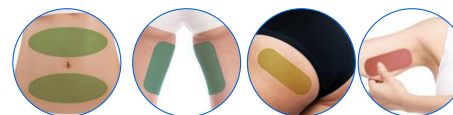
Treatment areas:
Abdomen/Inner Legs/
Buttocks



Small handle

Standard size:
L125*W45*D55mm

Treatment areas:
Abdomen/Inner Legs/
Buttocks/Inner Arms

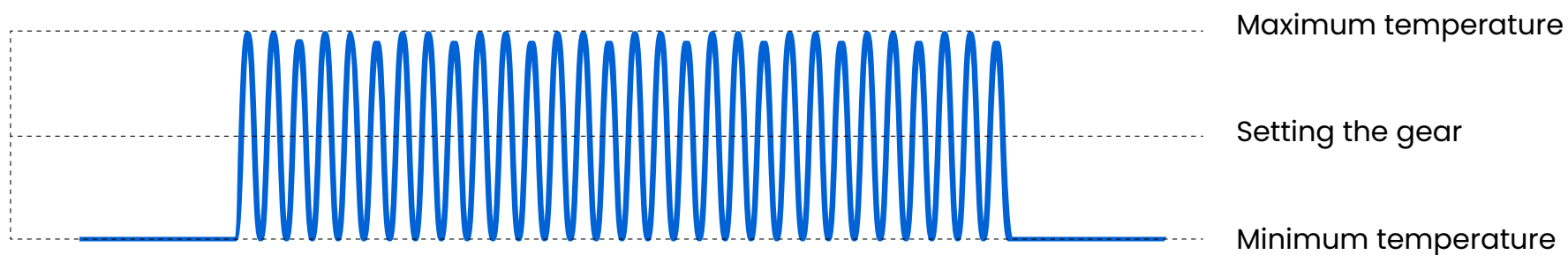


Double Chin Handle



Advantage

Constant temperature (temperature) mode



Heating

20 °C ~42 °C

Freezing

-10 °C ~10 °C

Pressure

10-83Kpa

Advantage



Smart body fat scale

Size	320*320*23mm
Net weight	2KG
Operating temperature	5℃-40℃
Power supply	4*AAA dry batteries
Weighing range	5kg-150kg
Connection method	Bluetooth 4.0 or above
Connection device requirements	Android 4.4 or above
Frequency range	2400mhz-2483mhz
Test age	7-99 years old
Key test data for fitness and weight loss	Fat mass, muscle, BMI index, weight, body fat rate, protein, etc.

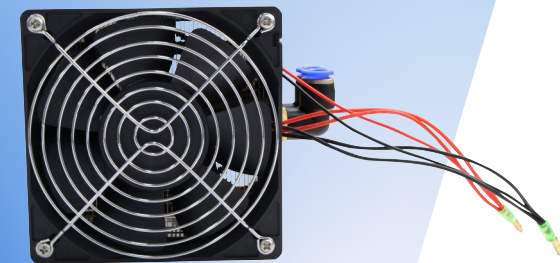
Health detection data: water, bone mass, skeletal muscle, weight control, obesity level, body shape, body age, health score, fat control, muscle control, fat-free body mass, basal metabolic rate, visceral fat index, standard weight, nutritional status, etc.

The research team of Tsinghua University has focused on human research for many years, and based on the bioimpedance method to measure human body composition technology, it can achieve rapid and accurate measurement of human body composition analysis.

Advantage

400W cooling capacity, the water temperature of the whole machine is kept below **40 degrees** for a long time

1. It uses semiconductor cooler, which is highly reliable, easy to maintain and has fast cooling speed;
2. It is compact and uses standard 10mm diameter quick connector;
3. The shell is made of black spray-coated plastic, which is corrosion-resistant;
4. The fan has large air volume, low noise and long service life;
5. The chip uses high-power semiconductor module, which is safe, environmentally friendly and efficient.



Android system

Body fat scale

Bluetooth connection ,easy to compare the effects before and after treatment.

Online office

Email, data transmission, online communication, etc.

Entertainment, film and TV

Online video training tutorials, music

Portable Devices

Mobile phones, tablets, and device interconnection.

Wireless Devices

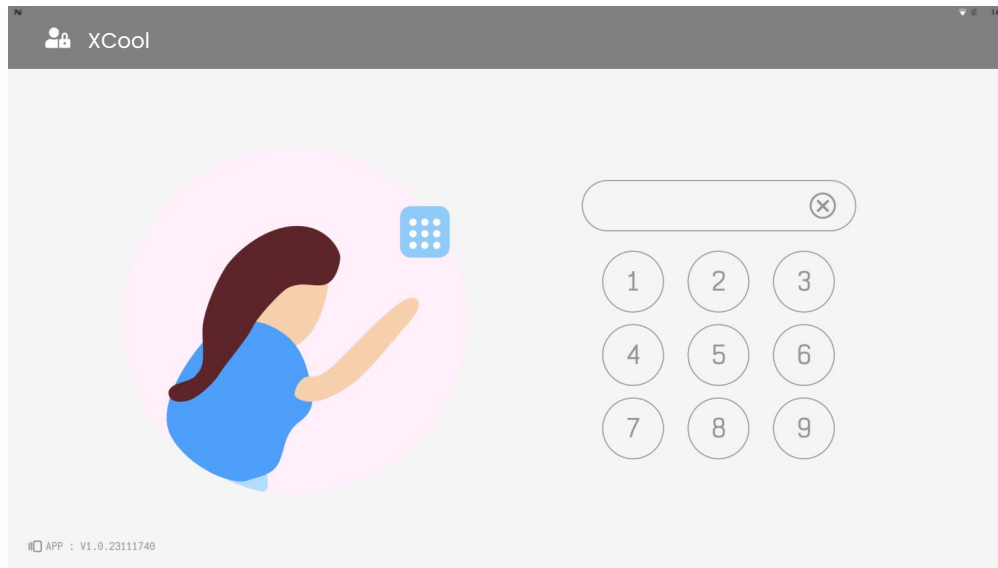
Mouse, projection, remote control, etc.

Smart Appliances

Control lights, curtains, audio, etc.



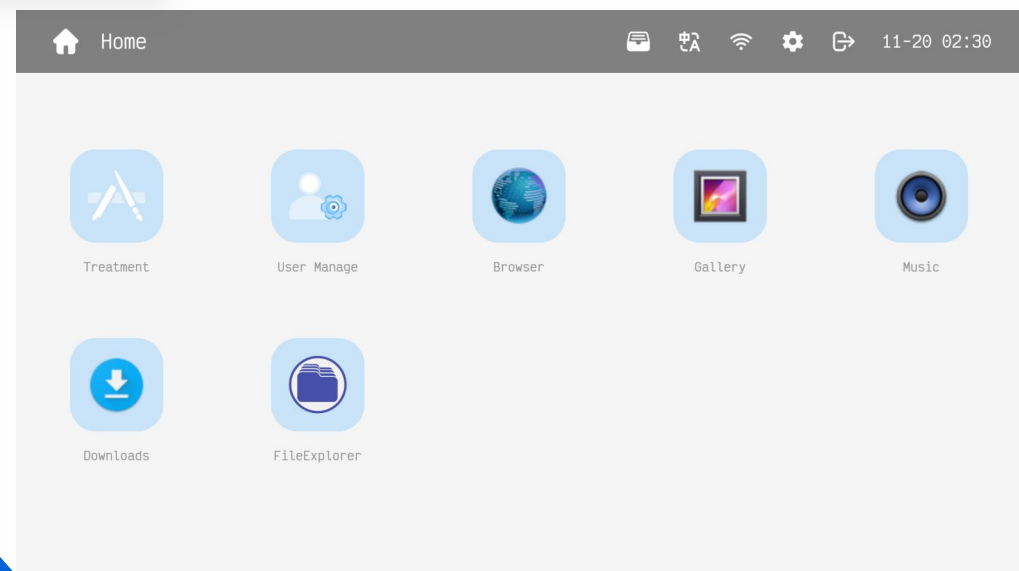
Android system page introduction



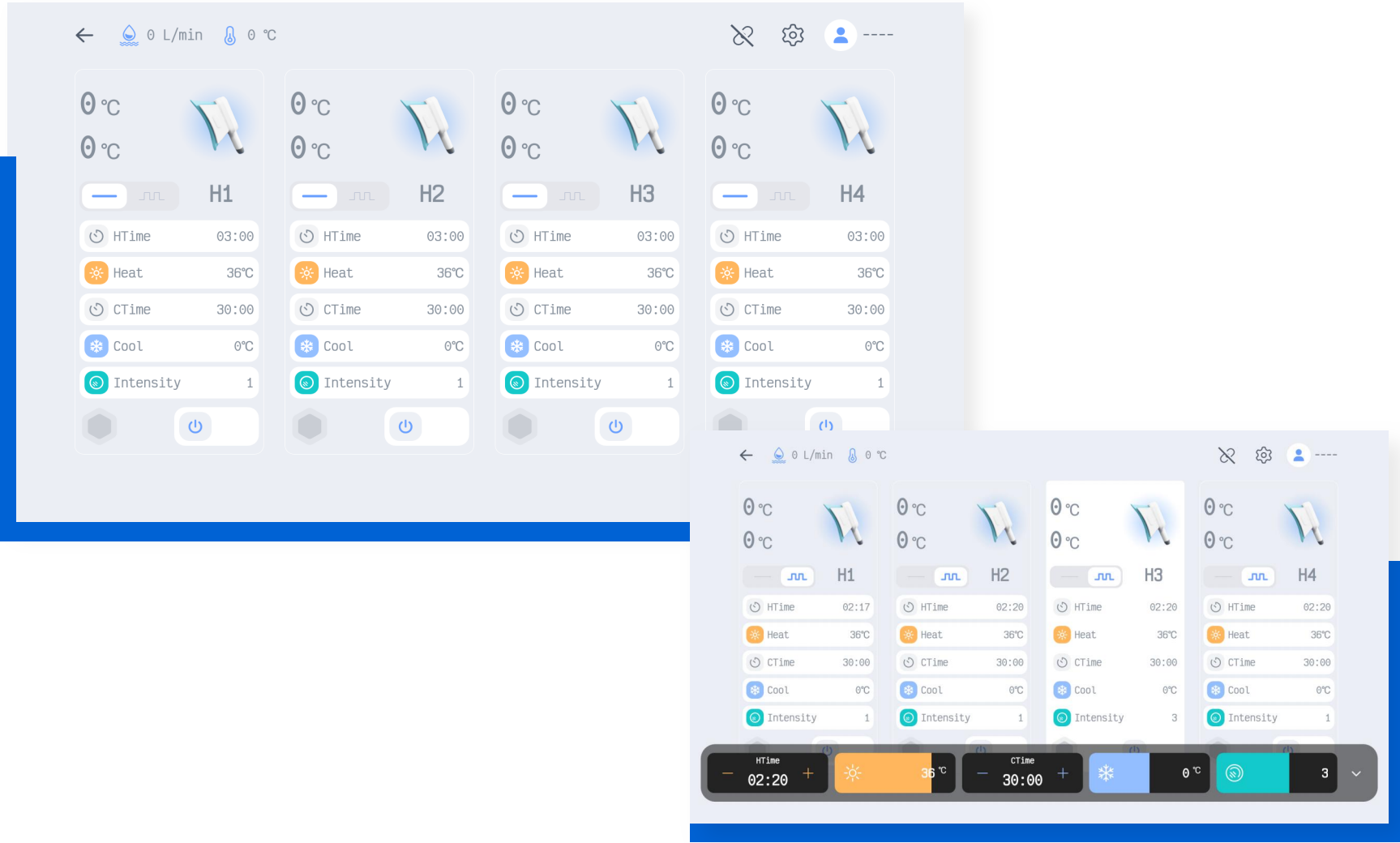
Login password

Main function operation, user management, Internet access, pictures, video files, music, downloads, files, body fat scales, etc.

Device usage information, language, WIFI, background settings, return to the main page, etc.



Android system page introduction



Introduction to Android system background page



< New user

Telephone

Name

Gender

Male

Birth date

EMail

January 1990

Sun Mon Tue Wed Thu Fri Sat

31 1 2 3 4 5 6

7 8 9 10 11 12 13

14 15 16 17 18 19 20

21 22 23 24 25 26 27

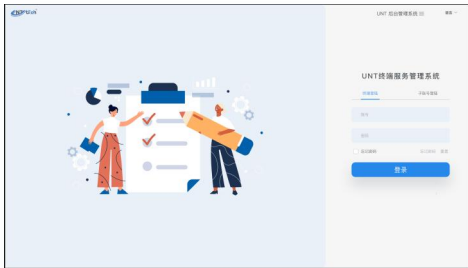
28 29 30 31 1 2 3

4 5 6 7 8 9 10

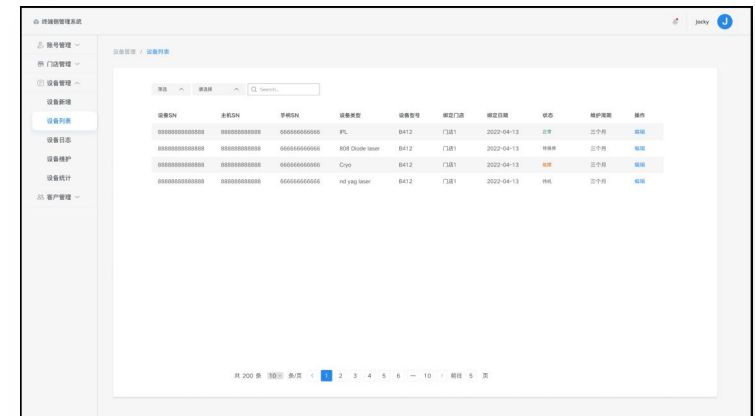
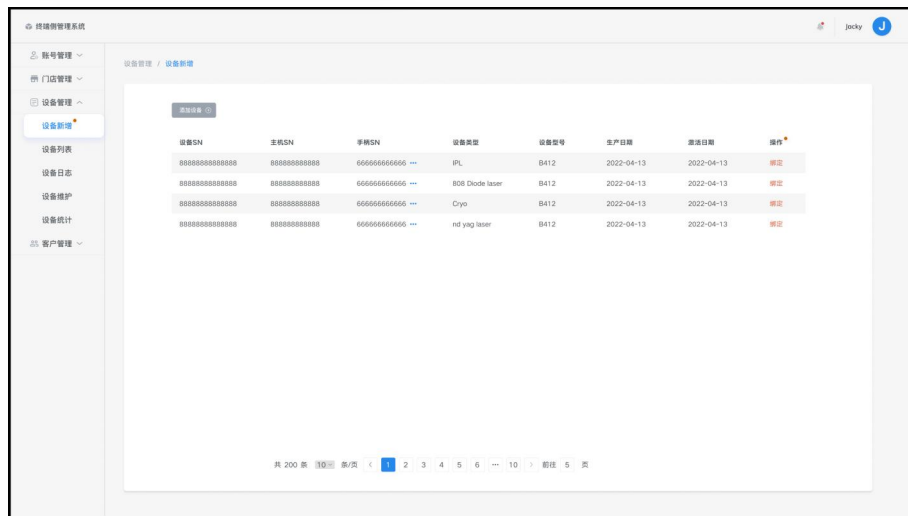
Save Cancel

1. On the customer management page, you need to fill in your name, gender, birthday, phone number, and email address;
2. After creating a new customer, you can generate treatment records based on the number of treatments;
3. There is no upper limit on the number of customers you can create, with large memory and multiple customer storage;
4. Customer information can be connected to the WEB, truly realizing device interconnection.

Advantages of WEB Customer/Product Management System



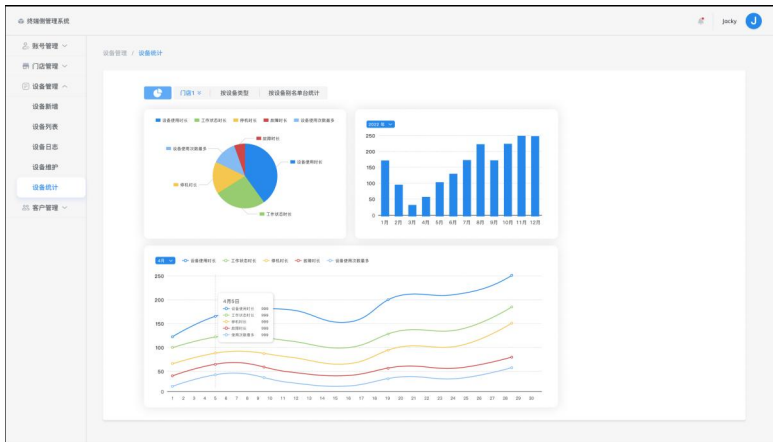
1. Customer account: generated and allocated by the company.



1. Real-time monitoring of store equipment;
2. Maintenance cycle reminder.

1. Equipment management, can add all products related to UNT Android control system;
2. After the device is activated, you can view the device online information in real time, such as maintenance records, customer treatment information, equipment alarm log, etc.;
3. Agents can add sub-accounts for store management, customer treatment statistics, equipment usage record statistics, etc.

Advantages of WEB Customer/Product Management System



1. Generate annual data statistics based on annual equipment usage records to facilitate customer management and analysis of annual usage reports;
2. Generate annual statistical curves based on maintenance and repairs to record whether new equipment or maintenance time will be added in the next year.
3. Count the usage time of various equipment, analyze market cycles, and seasonal/monthly usage frequency of equipment.

The screenshot displays a table of customer records. The table has columns for 电话 (Phone), 姓名 (Name), 性别 (Gender), 生日 (Birthday), 邮箱 (Email), 注册时间 (Registration Time), and 操作 (Action). The data is as follows:

电话	姓名	性别	生日	邮箱	注册时间	操作
18888888888	李红	女	2022-05-13	18888888888@163.com	2022-4-13	编辑 治疗记录
18888888888	李红	女	2022-05-22	18888888888@163.com	2022-4-13	编辑 治疗记录
18888888888	李红	女	2022-06-16	18888888888@163.com	2022-4-13	编辑 治疗记录
18888888888	李红	女	2022-09-06	18888888888@163.com	2022-4-13	编辑 治疗记录

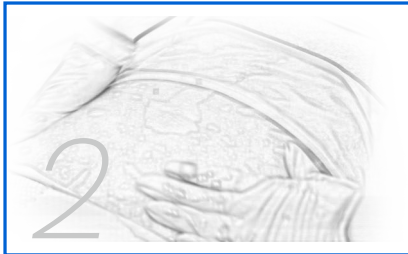
At the bottom of the table, there is a pagination bar showing '共 200 条' (Total 200 records) and a page number '1'.

1. Statistics of treatment parameters for different groups of people can be collected based on customer records of equipment use, which can be used for new employee training or data statistics for new stores;
2. Equipment information statistics, used to manage equipment, service life, usage effect, adding and deleting equipment.

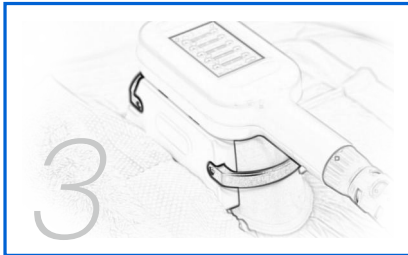
Treatment process



First, clean the skin and make sure the skin surface is completely dry, otherwise it may cause frostbite.



Spread the special freezing film flat on the skin to be treated (flat).

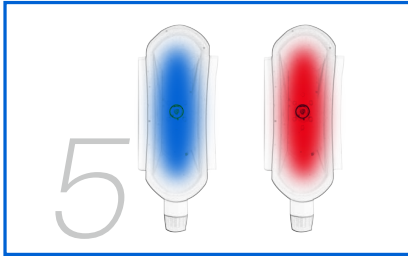


Place the treatment head on the skin covered with the freezing film (be sure to place it in the center to prevent the freezing film from not working on one side and causing frostbite on the skin), then turn on the switch and adjust the pressure button on the instrument or treatment handle until the pressure is in line with the person being treated.

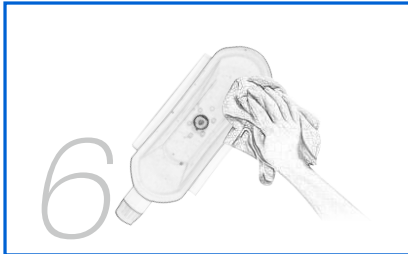


If you want to stop the treatment, click the work button and hold the treatment handle with your hand to prevent the handpiece from slipping due to loss of force or negative pressure.

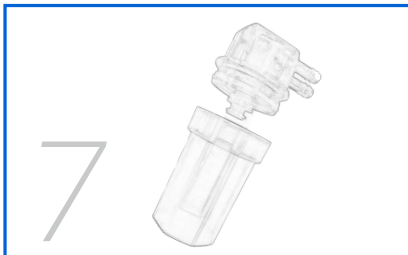
Treatment process



The heating mode and cooling mode can be used separately. The heating mode can be used to remove moisture from the body, remove acid, massage, etc.



After the treatment, the inside of the treatment head must be thoroughly cleaned (cleaned with a softer paper towel).



Please clean the liquid in the filter in time to prevent the liquid from being sucked into the suction pump and circulating the suction pump.



Clinical staff need to perform local massage and kneading on the frozen area to further promote local microcirculation and accelerate fat cell metabolism.



Clinical operation precautions

Treatment precautions

- A. Please keep the handle in close contact with the skin during treatment, otherwise the fat cannot be sucked into the handle;
- B. Do not take a hot bath within 24 hours after treatment (cold water is OK);
- C. Please place the treatment head in the center of the freezing film during treatment to prevent frostbite on the skin due to insufficient freezing film on one side;
- D. During the treatment, the customer can shake the treatment area appropriately;
- E. If complications such as ice and blisters occur on the epidermis, blisters below 3mm can be absorbed by themselves and do not require special treatment; blisters above 3mm need to be sucked clean with a sterile needle and apply ointment to prevent bacterial infection. Please seek medical attention in time if necessary.



BEFORE



16 WEEKS AFTER



BEFORE



16 WEEKS AFTER

Clinical operation precautions

1. How to use the antifreeze film?

Attention!

Before operation, be sure to stick the antifreeze film on the treatment area, pay attention to the air leakage caused by the gaps in the folds of the antifreeze film, smooth out the folds, and apply the antifreeze film to the fitting area.

If conditions permit, you can apply a layer of plastic wrap on the antifreeze film. The purpose of this operation is to reduce the excessive absorption of liquid in the antifreeze film into the pipeline and filter device.



2. How to use the filter?

Attention!

Check the container cup before each operation. When there is more than half of liquid in the container cup, you need to twist the container cup out and clean it! Because the air passes through the filter body from the air inlet end, filters out water or liquid, and then flows back to the air regulating valve and air pump. Failure to clean it in time will cause damage to the solenoid valve or air pump!

Attention!

When twisting out the container cup for cleaning, pay attention to the sealing rubber ring between the cup body and the filter body. Pay attention to check whether the rubber ring is damaged or shifted. If the rubber ring is damaged, please replace it with a new one. If the rubber ring is shifted, it needs to be stuck into the groove and installed flat to avoid leakage!

How to remove: twist and pull down to remove the container cup.
How to install: twist and push up to install the container cup.



Technical Parameters

Screen	15.6" OGS Android screen
Heating	20℃~42℃
Freezing	-10℃~10℃
Vacuum negative pressure	10KPa-83KPa
Cold light	570nm 50mw
Refrigeration liquid	Purified water or professional cooling water
Machine size	1330mm*460mm*500mm
Packing size	1085mm*625mm*715mm
Weight	72KG
Input voltage	110V/220V (50/60hz)



Plan A

Low Level

Cryolipolysis +Roller

“

Cryolipolysis Machine (freeze fat, lose weight) , treatment time 60-70min;

“

Inner ball roller, metal ball (accelerate the decomposition of subcutaneous fat cells), treatment time 20min;



Plan B

Medium Level

Roller+ Cryolipolysis+ Shock wave

“

Cryolipolysis machines, (freeze fat, lose weight),
treatment time 60-70min;

“

Roller, (relieve tense skin, relax muscles) treatment
time 15-20min;

“

Shock wave, (crush frozen fat masses, accelerate
the decomposition of fat cells), treatment time
15-20min;



Plan C

High Level

Museshape + Cryolipolysis

“

Museshape (handpiece No. 2/3/4) effect (relieve tense skin, relax muscles), treatment time 20min;

“

Cryolipolysis, (freeze fat, lose weight), treatment time 60-70min;

“

Museshape (handpiece No. 1) effect (further crush fat cells, strengthen fat reduction), treatment time 20min;





Company Profile



Ample spare parts reserve.
Rich shell options.
Instant delivery time.



UNT has a strong research and development team, including electronics engineers(designer; AVR programming; circuit layout) construction engineer, UI designer engineer QC control engineer...etc. We provide OEM/ODM design and program update.



In UNT we have been at the forefront of laser diode technology since 2010, We are committed with the clinics and practices to deliver them a platform that gives them the ability to get there results that the customers demand.



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