

# ETG50-5S

VER:2.0N

## USER MANUAL



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## Warning

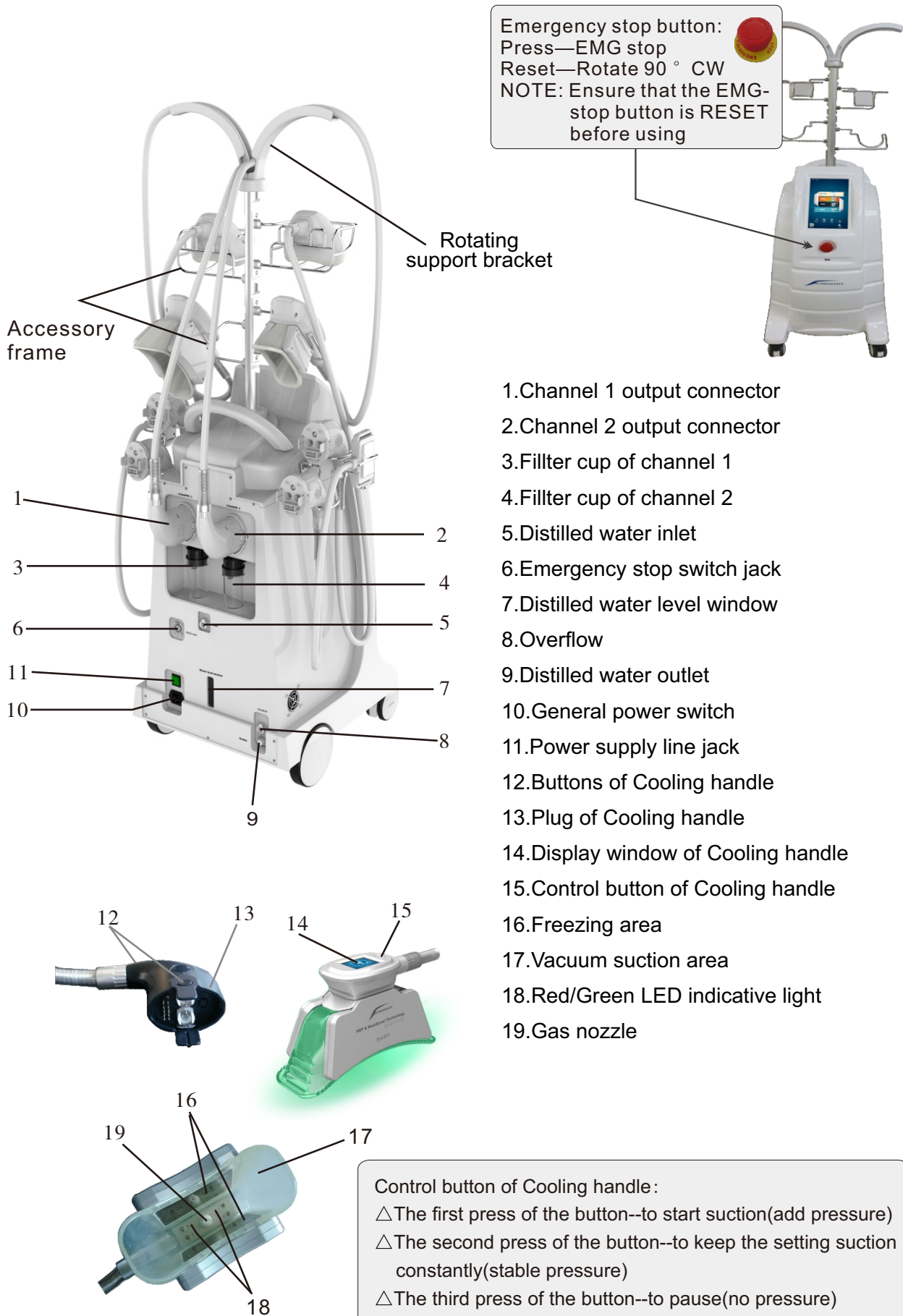
Dear user:

Thanks for using our company's products, in order to fully make use of the products, we sincerely suggests follow:

- ◆◆ Please read the instruction in detail and keep it well for further reading and consulting.
- ◆◆ Please follow the instruction to fit and operate the machine correctly.
- ◆◆ Please do not remove and change any accessories of the machine.
- ◆◆ It forbids others to open and remove the mainframe except the authorized people in the company.
- ◆◆ It forbids others to change and maintain the machine except the professional people.
- ◆◆ Please contact us if there is any trouble during operation.

**This product does not belong to medical,  
please don't use for disease treatment!  
This product is limited to overseas use in China!**

# Parts Introduction



Emergency stop button:  
 Press—EMG stop  
 Reset—Rotate 90 ° CW  
 NOTE: Ensure that the EMG-stop button is RESET before using

Accessory frame

Rotating support bracket

1

2

3

4

6

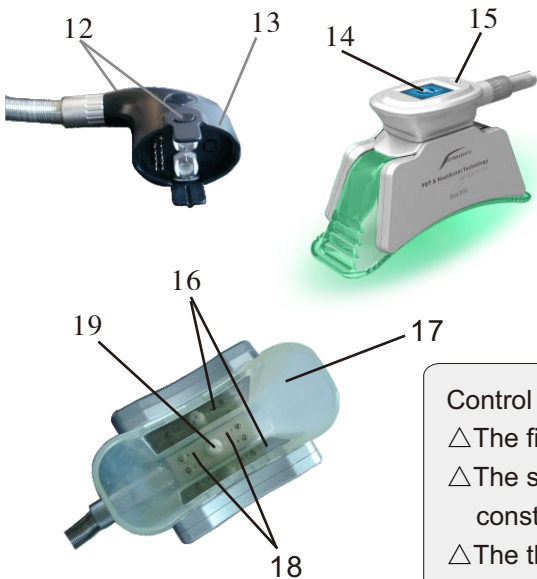
5

11

10

9

- 1.Channel 1 output connector
- 2.Channel 2 output connector
- 3.Fillter cup of channel 1
- 4.Fillter cup of channel 2
- 5.Distilled water inlet
- 6.Emergency stop switch jack
- 7.Distilled water level window
- 8.Overflow
- 9.Distilled water outlet
- 10.General power switch
- 11.Power supply line jack
- 12.Buttons of Cooling handle
- 13.Plug of Cooling handle
- 14.Display window of Cooling handle
- 15.Control button of Cooling handle
- 16.Freezing area
- 17.Vacuum suction area
- 18.Red/Green LED indicative light
- 19.Gas nozzle



Control button of Cooling handle:  
 △The first press of the button--to start suction(add pressure)  
 △The second press of the button--to keep the setting suction constantly(stable pressure)  
 △The third press of the button--to pause(no pressure)

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## Accessories



Size100



CR120



Size150



Freeze fat dissolving board



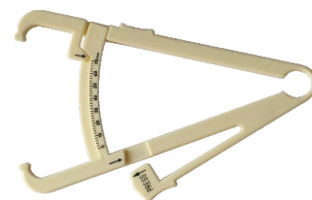
Size200



Bind ties



Emergency stop switch



Fat calipers

**Cooling handle**

Any part of instrument made of PMMA material (for example: accessories shelf, panel, transparent handles, etc.). Do not use alcohol or corrosive solvent to wipe clean.

## Transport Preparation

1. The distilled water should be cleared before transportation.

2. Method:

Insert the plug of silicone tube with seal ring into socket [10] distilled water outlet. Discharge the distilled water and shake the apparatus to help the liquid clean out completely. And then use thumb to press the spring, pull out the silicone tube.

**Notice: While discharging the distilled water, the Cooling handle should be placed at the handle support.**

3. One the plug of silicone tube insert into inlet and the other plug of it insert into overflow during transportation. Remove the silicone tube when in normal use in case that effect the vacuum of Cooling handle.

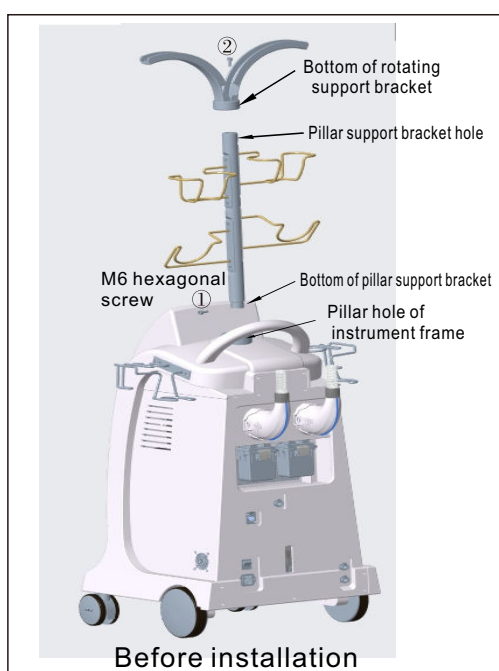


## Support Bracket Installation Steps

1. Aim the bottom of pillar support bracket at the pillar hole of instrument frame, fasten with NO.1 M6 hexagonal screw. The pillar support bracket installed is finished.

2. Insert the bottom of rotating support bracket to the pillar support bracket hole. fasten with NO.2 M6 hexagonal screw. The rotating support bracket installed is finished.


3. Press the buttons of Cooling handle [13], Insert the plug of Cooling handle [14] to the output connector of instrument frame [1] or [2], Place the Cooling handle as the picture shows. The host installed is finished.



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## Add Distilled Water Steps

1. Use distilled water or deionized water;
2. Use special funnel to connect to Distilled water inlet [5];
3. Add distilled water or deionized water from the funnel;
4. Add liquid until the level of the distilled water level window[7] arrive at level 8;
5. Add cooling fluid successfully first time;
6. Connect power supply line[11], turn on general power switch[10].
7. Input default password “000000” directly to enter interface as (Fig 1) shows. Click on “”, in interface as (Fig 2) shows and click on “Liquid setting” to enter interface as (Fig 3) shows, click on “Start” to become counter down...
8. When the system paused, please observe the status of Distilled water level window, if it doesn't arrive at level 8, please add distilled water again until the level is above 8, then take off the funnel.


### NOTE:

1. Add about 2L distilled water , change the water after one week.
2. When could not add into distilled water, Insert the plug of silicone tube with seal ring into distilled water outlet. Add the distilled water and observe outlet. when the liquid is smooth outflow, then use thumb to press the spring, pull out the silicone tube and continue to fill...
3. If not using the device 15 days or above, we recommended to put the distilled water clean and clear.

## Steps of Replace Handle

1. Turn off the general power switch first.
2. Please press the buttons of Cooling handle [13] and pull it out.

## Control Panel Description

1. Turn on general power switch[12], Input default password: “000000” according to the hint on touchscreen (Pass this step if use IC card control system) to enter interface as (Fig 1) shows. When using different types of Cooling handle, the system will automatically identify.
2. Click on “” to enter interface as (Fig 2). In interface as (Fig 2) shows. Click on “Basic Setting” to select language; muting station or sound station.

▲NOTICE: “Advanced setting” is only for engineering debugging, not for user.

3. Click on “Liquid setting” to enter interface as (Fig 3) shows, the details please refer to “Steps of add distilled water”.

4. Click on “Clean gas pipeline” to enter interface as (Fig 4) shows. click on “Start” begin to clean gas pipeline automatically, cleaning time is 5 minutes, please notice the fluid level of filter cup during cleaning process. if the filter cup is full, please click on “pause” and cleaning it. Then be installed the filter cup good, click on “Start” again. Each time of clean gas pipeline is continual 5 minutes.



(Fig 1)



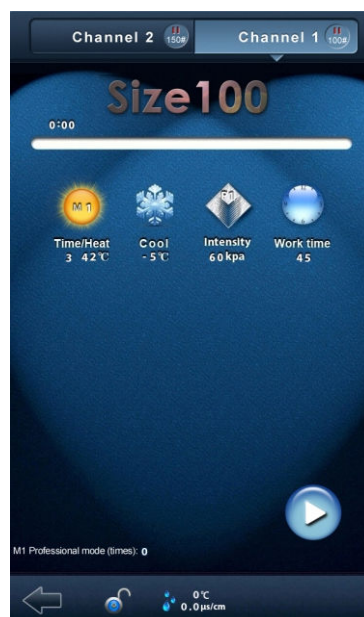
(Fig 2)



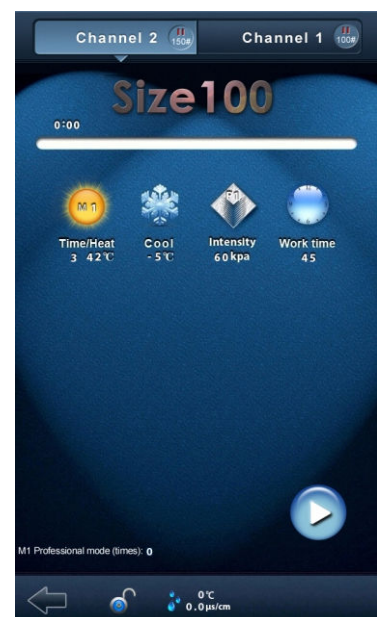
(Fig 3)



(Fig 4)



(Fig 5)







(Fig 6)

5. Click on “Picture” or “→” to enter interface as (Fig 5) function setting interface.


(1) Size 100 for example, Insert size 100 Cooling handle into “channel 1” output connector, the system default “channel 1” is in stand by. Size 150 for example, Insert size 150





Cooling handle into “channel 2” output connector, click on “channel 2” enter interface as (Fig 6) shows.

(2)Click on to “   ” can be setting various treatment parameters. The details please refer to “Icons description”.

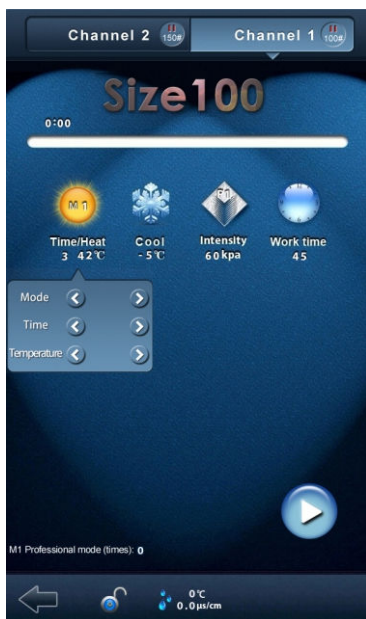
(3)Click on “←” to return to interface as (Fig 1).

(4) “”Stands for after the system started, lock of switch button of handle.

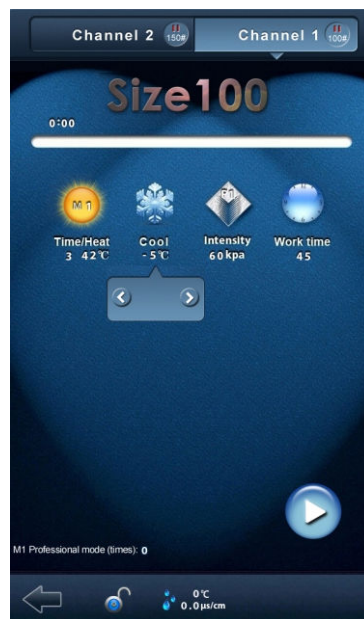
“”Stands for unlock station.

(5)“”Stands for indicate water quality monitoring. **Attention: If the water quality reaches 5.0µs/cm or above when the system in running state, Change the distilled water in time, please.**

## Icons Description



(Fig 7)




(Fig 8)



(Fig 9)



Stands for hyperthermia mode, hyperthermia time and hyperthermia temperature. Click on “” to enter interface as (Fig 7) shows.

(1)click on “<” and “>” of “Mode” to choose hyperthermia mode, the system default mode is M1. M1 professional mode is cooling and heating alternating cycles lipolysis. M2 Normal mode is first heating and then cooling lipolysis. When hyperthermia the red led light up, Heating the skin up to promote the activity of local blood, reduce the comfortlessness of cryolipolysis treatment. Then the temperature come down freezing temperature that has been set. The green led light up when beginning cryolipolysis.



(2)Click on “<” and “>” of “Time” to adjust hyperthermia time, M1 mode time range is 1 to 5 minutes; M2 mode time range is 0 to 5 minutes; “0” stands for close the function of hyperthermia.

(3)click on “<” and “>” of “temperature” to regulate the hyperthermia temperature, the range is 37°C to 45°C.



Means cool treatment temperature; Click on “Cool 5°C” to enter interface as (Fig8). click on “<” and “>” to adjust cool temperature, the range is -9°C to 5°C.

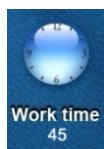
**Caution: Please operating with the help of professionals when the temperature**



Means press mode and press intensity; Click on “Intensity 60kpa” to enter interface as (Fig 9).

(1) Click on “<” and “>” of “press mode” to select vacuum mode: P1 is Massage intelligent balance pressure mode. Under the stable pressure state, if set the pressure suction to 60 kpa for example, when the pressure is greater than 40 kpa, it will work for 3 minutes first, then reduced to 40 kpa to massage treatment. under stable pressure work 5 minutes then 30 second massage, and will always stay in 40 kpa to keep cycle in 5 minutes working and 30 second massage until the finish the treatment . P2 is Intelligent balance pressure mode. If set 60 kpa for example, after 3 minutes work, the pressure will automatically down to 40 kpa and keep it until finish the treatment. P3 is keep stable pressure mode. The pressure will keep the same as what you set. The press mode is non-adjustable after started.

(2)click on “<” and “>” of “Intensity” to adjust press intensity, the range is 10kpa to 80kpa.



Means setting work time; click on “Work time 45” to enter interface as (Fig 10). Click on “<” and “>” to set, the range is 1 to 120 minutes.

After setting various treatment parameters, Click on pre-start button “||” .



(Fig 10)

**▲ Prompt:**

**After the system started (click on “||”), at this time, hyperthermia mode, hyperthermia time, hyperthermia temperature, press mode and working time can not be adjusted; cryolipolysis time and press intensity can be adjusted.**

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## Treatment Setting Attention

1. 30-60 minutes for each part (depending on thickness of fat and health status).
2. You can only treat interlaced two cellulite part, Please do not treat more than two parts of body in the same cause of treatment.
3. Size300 Cooling handle due to its large contact area must be used alone, we recommended working time is 30 minutes. It is suitable for super fatty person.
4. Take a another cooling procedure at the same position 2 months after the first course, which can reduce extra fat layer thickness, twice treatment, can enhance the effect of cryolipolysis.
5. The freezing fat treatment designed for localized hypertrophic fat accumulation area, physical healthy people, but not suitable for overall obesity. Treatment mainly for a particular part, such as waist fat, belly and back, and other local cellulite. Treatment is not omnipotent and can not cure obesity, it can not replace liposuction or other invasive therapies. A Substantial weight loss should be through a balanced diet and do regular exercise, freezing fat treatment can only be carried out for extra fat.
6. Proposed selecting conformable cryolipolysis temperature and work time according to the fat thickness. [practical according to clinical situation]

## Skin Antifreeze

Qualified antifreeze should be used during cryolipolysis treatment, that avoid frostbite when temperature lower to the 0 to -40 degree. [Consumables, purchase on your own]

## Operation Process

### Operation of the first treated part

1. Please checking whether the water level of the coolant level window is above 8 before turn on the machine. If it less than 8, please add coolant to avoid the bad effect on cryolipolysis system.
2. Turn on general power switch, Click on “picture” or “→” to enter interface as (Fig 5) shows.
3. Check the thickness of fat, with the help of fat calipers as (Fig 11). The cool temperature refer to the <fat thickness reference table>.
4. Clean treated area and clear the hair
5. Mark the size of treatment area.
6. Open the package of antifreeze membranes.
7. First, take out the small antifreeze membrane and smear the edge and inside of Cooling handle.

8. Then open the big antifreeze membrane as (Fig12) shows.

9. Paste antifreeze membrane on treatment area as (Fig13) shows.

10. Patients receiving the waist and abdomen treatment should be sitting make upper body and thigh to 90 degrees as (Fig11) shows.

11. Set cool temperature and work time according to thickness of fat.

12. Click on "Start", "channel 1" Cooling handle is in standby.

13. Make the Cooling handle to suck the treated area gently as (Fig 14) shows, press the control button once to start vacuum suction. (add pressure)

14. When the suction strength is suitable, press the control button again, to keep the stable pressure. Click the "🔒" as (Fig 5), locking buttons of freezing cooling handle. Use bind ties to fixed the cool cooling handle as (Fig 15). During the treatment process if you want change work state, please click on the "🔓" key to unlock it.

**Fat thickness reference table**

Thickness	dose	Time
<20mm	3°C	60min
>20mm	0°C	45min



(Fig 11)

**Operation of the second treated part**

1. After the "channel 1" Cooling handle enter keeping pressure state, Click on "Channel 2".

2. Operating as first treatment operation steps.

3. The system will pause automatically, if setting time is over. Press any key to continue.

4. Click on "←" return to (Fig 1) interface.



(Fig 12)  
Antifreeze membrane



(Fig 13)  
Paste membrane



(Fig 14)  
Absorb

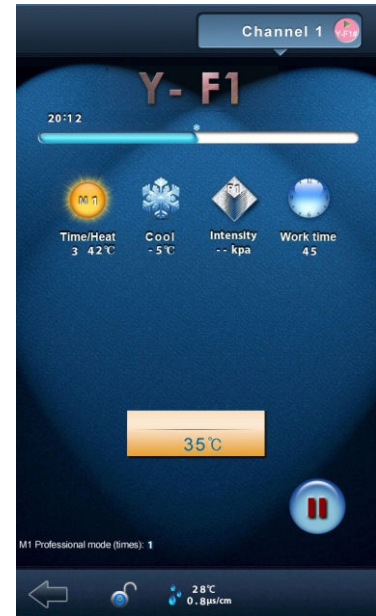


(Fig 15)  
Treatment in progress

## Y-F1

### Operation of the first treated part

1. Click on “CR120” or “→” to enter interface as (Fig 16) shows.
2. Check the thickness of fat, with the help of fat calipers as (Fig 16). The cool temperature refer to the <fat thickness reference table>.
3. Clean treated area and clear the hair
4. Mark the size of treatment area.
5. Open the package of antifreeze membranes.
6. First, take out the small antifreeze membrane and smear the edge of Cooling handle.
7. Then open the big antifreeze membrane as (Fig12) shows.
8. Paste antifreeze membrane on treatment area as (Fig13) shows.
9. Patients receiving treatment should be sitting make upper body and thigh to 90 degrees or lie in the beauty bed to receive care. Use bind ties to fixed the cool cooling handle .
10. Set cool temperature and work time according to thickness of fat.
11. Click on “Start”, “channel 1” Cooling handle is in standby.



(Fig 16)

**Fat thickness reference table**

Thickness	dose	Time
<20mm	3°C	60min
>20mm	0°C	45min

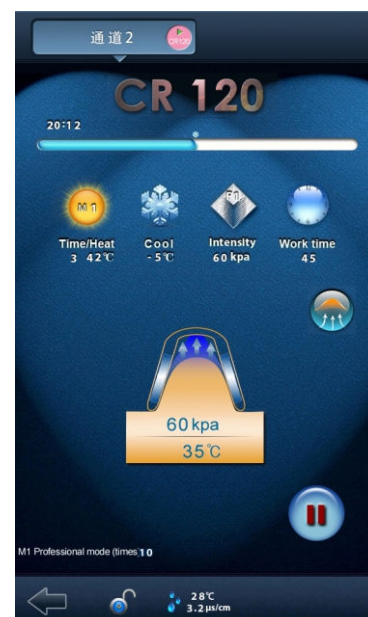
### Operation of the second treated part

1. After the “channel 1” Cooling handle enter keeping pressure state, Click on “Channel 2”.
2. Operating as first treatment operation steps.
3. The system will pause automatically, if setting time is over. Press any key to continue.
4. Click on “← ” return to (Fig 1) interface.

## CR120

### Operation of the first treated part

1. Click on “CR120” or “→” to enter interface as (Fig 17) shows.
2. Check the thickness of fat, with the help of fat calipers as (Fig 11). The cool temperature refer to the <fat thickness reference table>.
3. Clean treated area and clear the hair.
4. Mark the size of treatment area.
5. Open the package of antifreeze membranes.
6. First, take out the small antifreeze membrane and smear the edge of Cooling handle.
7. Then open the big antifreeze membrane as (Fig12) shows.
8. Paste antifreeze membrane on treatment area as (Fig13) shows.
9. Patients receiving treatment should be sitting make upper body and thigh to 90 degrees or lie in the beauty bed to receive care. Use bind ties to fixed the cool cooling handle.
10. Set cool temperature and work time according to thickness of fat.
11. Click on “Start”, “channel 1” Cooling handle is in standby.



(Fig 17)

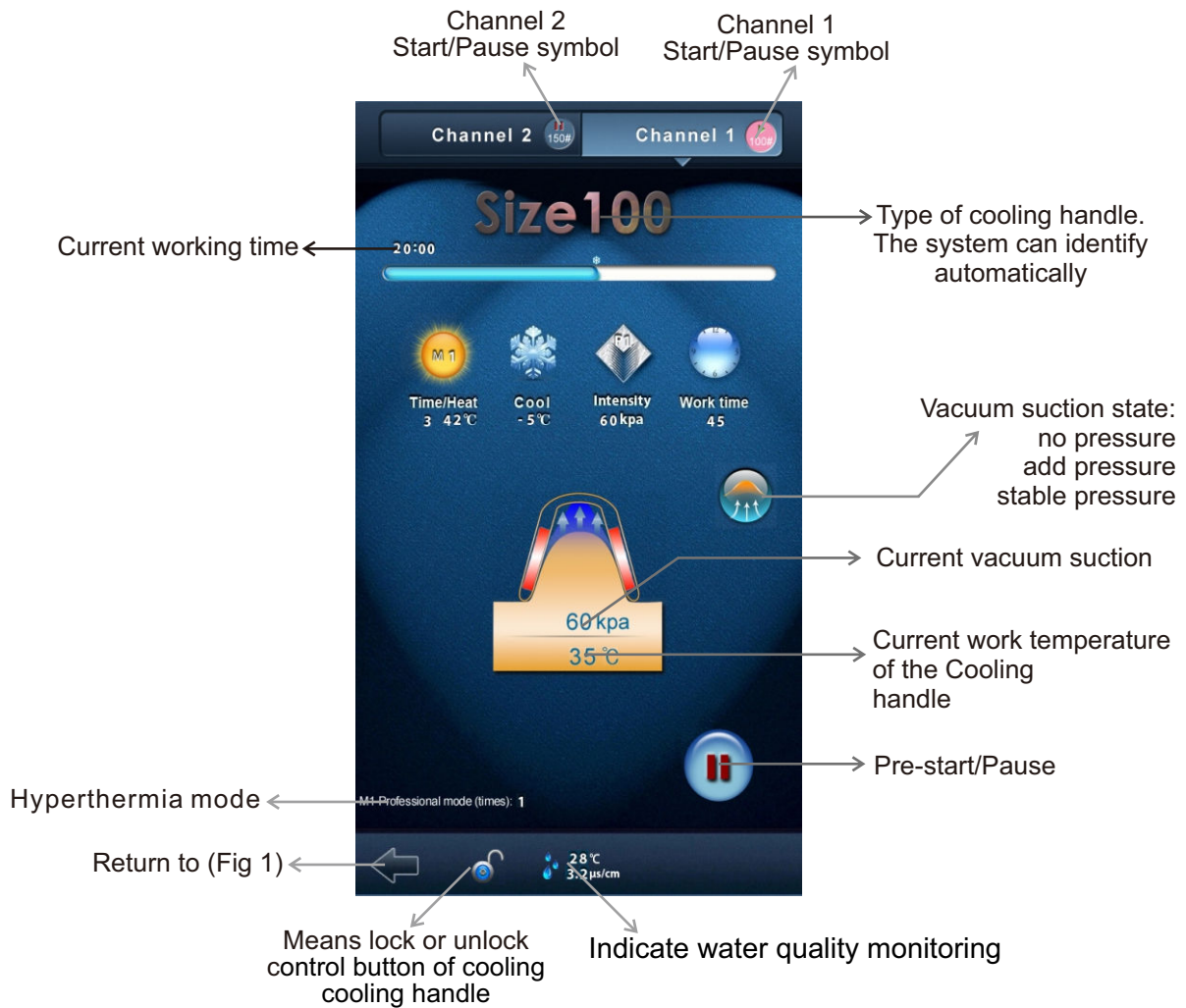
### Fat thickness reference table

Thickness	dose	Time
<20mm	3°C	60min
>20mm	0°C	45min

### Operation of the second treated part

1. After the “channel 1” Cooling handle enter keeping pressure state, Click on “Channel 2”.
2. Operating as first treatment operation steps.
3. The system will pause automatically, if setting time is over. Press any key to continue.
4. Click on “←” return to (Fig 1) interface.

## Treating interface description



(Fig 18)

## After Treatment



Damage, minor frostbite, skin pigment may occur at the treated area, care properly.



## Cautions

- 1.The machine must be operated by professionals.
- 2.Observe the status of Distilled water level window before operating each time, the level can't less than level 8.
- 3.Banned in no case of anti-freeze membrane treatment, during the course of treatment must ensure anti-freezing film completely cover the rapeutic part, otherwise can appear frostbite easily, etc.
- 4.According to the clinical, Individual physical users may occur frostbite reaction, you can raise the temperature according to fat thickness or consult professional person.

### 5.Cautions especially:

The person please do not treat a large area of body or treat the adjacent part of the body that have been treated in the same course of treatment. As (Fig17) shows: if you operate of part ①, you can not operate the part ② or part ④, so you can only operate part ③. If you against this regulation, Light will cause the metabolic disorders, Heavy then cause metabolic acidosis and the toxins from the body doesn't stranded.

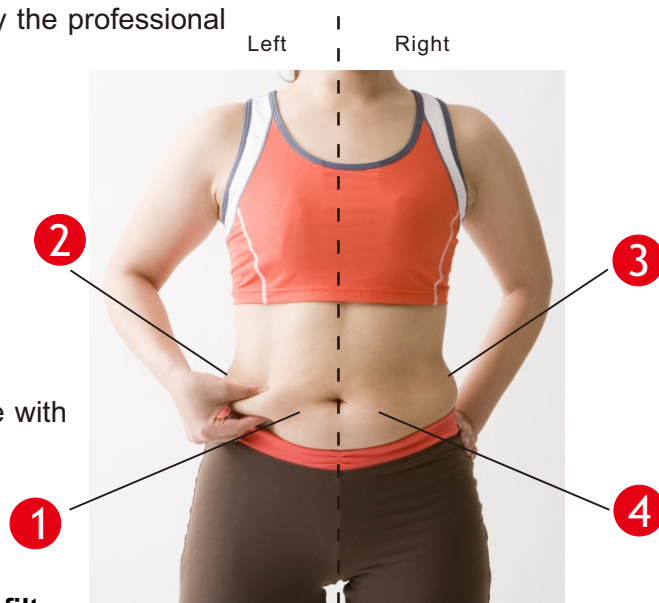
- 6.Patients using the following medical electrical equipment can not use the system.

- Implanted cardiac pacemakers or other implanted electronic devices;
- Life-sustaining artificial heart-lung machines and other equipment;
- Portable ECG measurement equipment;

- 7.The following patients should be agreed by the professional doctors before using the device.

- Patients with acute disease;
- Malignancy;
- Patients with Infectious diseases;
- Pregnant women;
- Patients with heart diseases;
- Patients with fever;
- Patients are receiving treatment or those with abnormal body phenomenon;

- ※ 8. If the screen display: **“Please check and clean the filter cup!”** or **“Filter cup is full, please clean!”**, Please check the filter [3] [4] and clean it immediately, then press any key to exit. (Fig 19) Otherwise maybe damage the machine.





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## Announcements on Clinical

Cryoliposis system can freeze fat ,at the same time, it may have following risks:

- 1.Now research shows that individual who has skin without cold-resistance will have cold injury phenomenon when chose -5 degree or below. We suggest 5-0 degree for this kind of crowd.
- 2.For customers who use for the first time, they shouldn't choose below -8 °C. -8 °C to -9 °C is suitable for fat layer thickness reaching 55mm or more .Please don't use it if the fat is less than 55mm, or it will have risk of cold injury.
- 3.If the liquid in anti-freezing membrane is too little (Normal is opening the package, you can see there is little liquid in bag or the membrane is very moist),please do not use. Abundant liquid can well protect the skin from been frostbite.
- 4.Please check if the anti-freezing membrane can fully cover the treatment area. The skin will have cold injury in 2 minutes without the membrane.
- 5.For sucking in the skin at the beginning of the treatment, you can choose vacuum pressure(40-70kpa), after 3 minutes, please adjust pressure to 30-40kpa, long time in high pressure(60-80kpa) during the treatment will increase the risk of skin blisters.
- 6.Coldinjury phenomenon:  
Check the therapeutic part and you may have cold injury if the skin becomes harder or has lump, please use warm towel (42 degree) to cover the skin for 10 minutes. The treatment part will have blebs, skin will scab after the bubble bursts, keep cold injury wound clean and dry, apply frostbite cream for a few days and the wound would heal.
- 7.Another processing Method of deal with bleb:  
Because of frostbite, if you have bleb, mild only prevention of infection. Severe should aseptic puncture fluid, coated with Basic Violet 3 of 1% -2% is ok.

## Contraindications

- Liver problems;
- The Raynaud's disease;
- Severe cold urticaria;
- Cryoglobulinemia;
- Cold fiber hypoproteinemia;
- Severe frostbite;
- Severe diabetes and the elderly, young children, frail and so intolerant of cryotherapy;
- Patients with physiologiactal hypotonic.

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## Forbidden Group

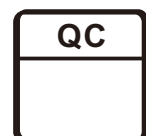
1. People with heart disease or high blood pressure, or configured cardiac pacemaker.
2. Patients with acute inflammation, asthma, deep vein thrombosis, thyroncus, cancer.
3. People with hemorrhagic disease, trauma or who is bleeding.
4. Pregnant women
5. Medical Plastic parts, or parts with artificial in filling inside.
6. People with metal inside the body(include metallic tooth)
7. Patient with skin inflammation or with edema.
8. People with an abnormal immune system.
9. Numb or insensitive to heat.

## Technical Parameters






1. Input: AC220~230V 50/60Hz  AC110V 50/60Hz
2. Power:  $\leq 800$  VA
3. Light: Red (630nm) Green (570nm) 50mWX4
4. Cooling liquid: Distilled water or deionized water
5. Fuse: FU5X20\6.3A with buffer (220V machine using)(Double fuse)  
Fuse: FU5X20\10A with buffer (110V machine using)(Double fuse)

## Packing List

1.Host	1PC	<input type="checkbox"/>
2.Size 100 Cooling handle	1PCS	<input type="checkbox"/>
3.Size 150 Cooling handle	1PCS	<input type="checkbox"/>
4.Size 200 Cooling handle	1PCS	<input type="checkbox"/>
5.CR120 Cooling handle	2PCS	<input type="checkbox"/>
6.F1 freeze fat dissolving board	2PCS	<input type="checkbox"/>
7.Emergency stop switch	1PCS	<input type="checkbox"/>
8.Fat calipers	1PCS	<input type="checkbox"/>
9.Band ties	2PCS	<input type="checkbox"/>
10.sticker	4PCS	<input type="checkbox"/>
11.Antifreeze membrane(Big Middle Small)	30PCS	<input type="checkbox"/>
12.Two pieces of liquid addition accessory	1PCS	<input type="checkbox"/>
13.Silicone tube(with CPC connector)	1PCS	<input type="checkbox"/>
14.Power supply line	1PCS	<input type="checkbox"/>
15.User manual	1COPY	<input type="checkbox"/>
16.Black sealing ring(11X1.5)	10PCS	<input type="checkbox"/>
17.Hexagonal screw wrench(M5)	1PC	<input type="checkbox"/>
18.Hexagonal screws(M6X12)	1PCS(Fixed frame and host)	<input type="checkbox"/>
19.Hexagonal screws(M6X8)	12PC	<input type="checkbox"/>
20.Cross flat head screw(10X25)	1PCS	<input type="checkbox"/>
21.Rotating support bracket	1PCS	<input type="checkbox"/>
22.Accessories frame	7PCS	<input type="checkbox"/>
23. Work head box	2PCS	<input type="checkbox"/>
24.Chin strap	2PCS	<input type="checkbox"/>



## Symbols and Meanings

Warning Symbol	Meaning
 Danger	If used incorrectly will bring the risk of death or serious injury!
 Warning	If used incorrectly will cause possibility ill of death or serious injury!
 Attention	If used incorrectly will cause personnel injury or damage to the goods!
 Danger	Device exists high pressure risk of high voltage output terminals!
 Warning	If used incorrectly will cause personnel injury!

\*Things damage refers to housing, property, livestock and pet damage.

## Contraindications

1. The following symptoms were forbidden to use

- (1) Patients who used by Heart rate regulator, cardiac pacemaker, ECS;
- (2) The use of artificial bone; Patients with silicosis;
- (3) Drunk or high fever patients;
- (4) Patients with higher sensitivity mental disease and epilepsy patients
- (5) Patients with no independent expression consciousness and can not take care of themselves.
- (6) Patients with metal materials in body (including metal teeth), pregnant women, cachexia, malignant tumor.
- (7) Severe hypertension and severe patients with cardiovascular and cerebrovascular disease.
- (8) Patients with renal failure.
- (9) Patients with severe infection



2. The following please use under the guidance of professionals

- (1) Women during menstruation;
- (2) Children;
- (3) Hemorrhagic disease or trauma, inflammation, skin disease, skin infection;
- (4) Patients with feeling numb, no response to cold and heat;
- (5) The immune system has defects, scar formation history, physical disease;
- (6) The people who has taken face-lifting or her body has artificial thing.



## Maintenance

1. Appliances and medical equipment close to the machine may be resulting in operational failure due to interference.
2. Prohibit use of the equipment in the following environment
  - Hot and humid environment
  - Dusty environment
  - Environmental with much smoke or steam
3. If there comes a failure, please shut down the power immediately, and send it to the distributor or manufacturer for maintenance. Do not repair by yourself.

### 4. Exclusion of liability.

**The Company is not responsible for the following circumstances:**

- (1) If fire, earthquake, war occurred;
- (2) The fault of the user, operator error;
- (3) Damage caused by using other method (not included in the use manual).
- (4) Operate without the manual's guide.
5. Do not make the machine close to the wall, keeping a 30CM space around for cooling.
6. The service life of this device handles are around 500 hours.

## Safety and Environmental Considerations

### Toxic and hazardous substances reference list Electronic information product pollution control and management measures Table of contents of toxic and hazardous substances or elements

Part Name	Toxic and Hazardous Substance or Element						Remark
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr(VI))	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)	
Plastic Board	○	○	○	○	○	○	
Printed Circuit Board	×	○	○	○	○	○	
Power Supply	×	○	○	○	○	○	
Accessory	×	○	○	○	○	○	

#### Declaration:

- The content of the restricted substances in all homogeneous materials of this part is below the limits set by the SJ/T11363-2006 standard.
  - ×
- The content of a homogeneous material in the part of the material is beyond the SJ/T11363-2006 standard requirements. The user's normal use of this product within the time limit of environmental protection, these substances or elements will not occur leakage or sudden change, will not cause the personal, property damage. For such substances or elements, the user shall not dispose of it yourself, please according to government regulations to the relevant departments of the government designated recycling.

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## Simple Troubleshooting

When the device appears fault during the operation, the user could diagnose and rule out some simple questions through the following guides. If still not resolved, please call our Customer Service Department for consulting as soon as possible.

1.Nothing happens when turning on the general power switch.

(1)Ensure that the AC power is normal or not.

(2)Ensure that the power supply line is broken or not.

(3)Ensure that the fuse is normal or not.

2.The touch screen failure.

(1)Touch screen click on invalid: May be the touch screen is pressed, please gently press the four corners and the center of the screen, then turn off the instrument , wait for one minute ,then restarts it.

(2)Positioning error of touch screen: Turn on the instrument, enter interface of calibration. If problem still exists, please call Customer Service Department.

(3)If the touch screen is broken, please call the Customer Service Department.

3.Touch screen display error:

Please turn the power off, wait one minute after a reboot, If the problem still exists, please call the Customer Service Department.

4.After starting, the screen displayed:

E0:Connection failure between display control board & handles control board.

Please check whether the plug of Cooling handle connect well or not, and then reboot.

E1:Connection failure between display control board & function control board.

May caused by the loose connection between display control board and function control board. Please call the Customer Service Department and operating under their guidance.

Err4/5:The temperature sensor of left/right is out of work, please get away from the working head to avoid burning.

(1)If the temperature deviation of the work piece in left / right handle is too large, that may cause alarm. At this moment, Please back the handle and judge the work piece is work after no-load for 30 minutes and observing the left / right work piece freezing.

(2)Temperature rises after power on may cause the alarm:

1)Start cooling, heat the work piece and then the temperature slowly increased, if causing alarm, please check the coolant level window [2]if below the water line, or abnormal coolant, re-join the coolant.

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2)1 to 2 minutes after power on, the abnormal temperature rise without refrigeration process. If causing alarm, please replace the handle for the broken handle.

Err13/14:Air leaking of channel1/2 handle, please check!

When occurring the prompt on screen, please check “channel 1/2” Cooling handle wether loosen or leaking air phenomenon, if had, please press control button on handle to enter “no pressure” state, then re-adsorb treated area again.

Err17/18:Fault of No.1/2 water sensor, please add water!

(1)Check wether the connection of the equipment to handle is being pressed or folded please.

(2)Check the coolant level window [2] of the instrument back panel, if lower than 8, add water please.

(3) If problem still exists, Please read the add coolant steps and cautions, add the coolant again. (Refer to page 6).

5.When the display of cooling handle as (Fig 5) shows does not match actual.

(1)Trun off the emergency stop button when the system is in start state.

(2)Press display window of Cooling handle [14] and control button of Cooling handle [15] at the same time, and then turn on the emergency stop button. Size300 do not need to choice.

(3)Select the icon of the corresponding model, turn off the Emergency stop button. and then restart the system.



# Treatment table

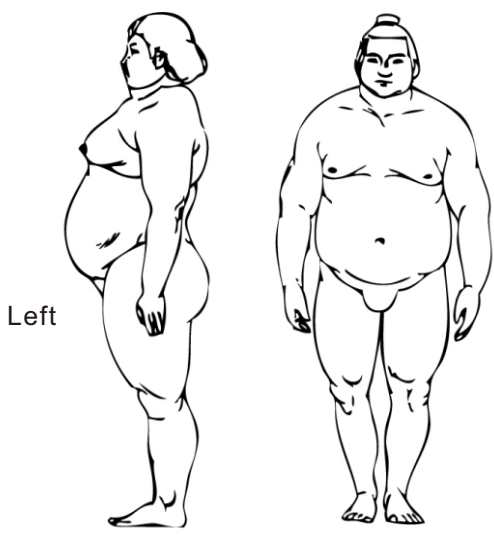
Name		Sex		Age		NO:
Height		Weight		Heart rate		

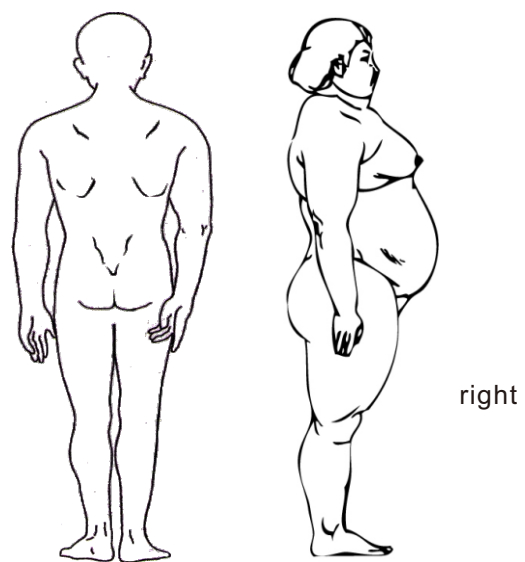
Ask before treatment:

- |   |                                  |                                 |
|---|----------------------------------|---------------------------------|
| 1. Have liver disease or not?                             | Yes [ <input type="checkbox"/> ] | No [ <input type="checkbox"/> ] |
| 2. Have Raynaud's disease or not?                         | Yes [ <input type="checkbox"/> ] | No [ <input type="checkbox"/> ] |
| 3. Have severe diabetes or not?                           | Yes [ <input type="checkbox"/> ] | No [ <input type="checkbox"/> ] |
| 4. Have cold hyperfibrinogenemia or not?                  | Yes [ <input type="checkbox"/> ] | No [ <input type="checkbox"/> ] |
| 5. Have cryoglobulinemia or not?                          | Yes [ <input type="checkbox"/> ] | No [ <input type="checkbox"/> ] |
| 6. Have serious cold urticaria or not?                    | Yes [ <input type="checkbox"/> ] | No [ <input type="checkbox"/> ] |
| 7. Have surgery during the year or not?                   | Yes [ <input type="checkbox"/> ] | No [ <input type="checkbox"/> ] |
| 8. Have done more than 2 parts of cryotherapy in a month? | Yes [ <input type="checkbox"/> ] | No [ <input type="checkbox"/> ] |

**If any answer is yes, please do not accept this therapy.**  
**Individual physical users may occur frostbite reaction, if not accept, please do not accept this therapy.**

**Customer Signature:**  
**Date:**

 <p style="text-align: center;">Mark the treatment area and assign a number</p>	<p><b>Part 1</b></p> <p>Treatment start date:      D      M      Y          Treatment time:              min          Temperature:                              °C          -----</p> <p>Countercheck 2 months after treatment:          Good effect [ <input type="checkbox"/> ]      Ordinary [ <input type="checkbox"/> ]          The second course start date:      D      M      Y          Treatment time:                      min          Temperature:                              °C          -----</p> <p>Countercheck 3-6 months after treatment:          Good effect [ <input type="checkbox"/> ]      Ordinary [ <input type="checkbox"/> ]</p> <p style="text-align: center;">Please take photos before and after treatment</p>
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 <p style="text-align: center;">Mark the treatment area and assign a number</p>	<p><b>Part 2</b></p> <p>Treatment start date:      D      M      Y          Treatment time:              min          Temperature:                              °C          -----</p> <p>Countercheck 2 months after treatment:          Good effect [ <input type="checkbox"/> ]      Ordinary [ <input type="checkbox"/> ]          The second course start date:      D      M      Y          Treatment time:                      min          Temperature:                              °C          -----</p> <p>Countercheck 3-6 months after treatment:          Good effect [ <input type="checkbox"/> ]      Ordinary [ <input type="checkbox"/> ]</p> <p style="text-align: center;">Please take photos before and after treatment</p>
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