

# COOL SHAPING™



**Operator Manual**

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# 1. Introduction

## 1.1. About the Manual

- CoolShaping system is designed to meet international safety and performance standards. Personnel operating the system must have a thorough understanding of the proper operation of the CoolShaping.
- This manual has been prepared to aid staff and technical personnel to understand and operate the system. Do not operate the system before reading this manual and gaining a clear understanding of system operation. If any part of this manual is not clear, please contact your local Eunsung representative for clarification.
- The information provided in this manual is not intended to replace the professional training on the clinical use of the system. Please contact your local Eunsung representative for current information on available training.
- This manual should always accompany the system and all operating personnel must know its location.

## 1.2. About the Device

CoolShaping is a cryogenic technology based fat-cell reduction device.

As triglyceride in fats will be converted into solid under the circumstances of low temperatures, CoolShaping uses advanced cryogenic technology to selectively target fat bulges and eliminate fat cells through a gradual process that does not harm the surrounding tissues, reducing unwanted fat.

When fat cells are exposed to cold temperature, they go through a process of natural removal that gradually reduces the thickness of the fat layer by the mode of action which is called fat-cell apoptosis.

Fat cells in the treated area are gently eliminated through the body's normal metabolism resulting in maximum efficacy after 90 days from the day of practice.



### **WARNING**

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Use of controls or adjustments, or performance of procedures other than those specified herein may put the operator and/or the patient at risk. Therefore, before attempting to use or operate the system, personnel operating CoolShaping should read this manual and become thoroughly familiar with all its safety requirements and operating procedures.

## 2. Equipment Safety

### 2.1. About Equipment Safety

- This chapter describes general safety issues regarding the use of CoolShaping with special emphasis on cryogenic and electrical safety. With proper operation and maintenance, trained and qualified practitioners can use the system safely. The supervising physician and all other personnel operating or maintaining CoolShaping must be familiar with the safety information provided in this chapter.
- The primary consideration should be for the safety of the patient, the physician and other personnel. Patient safety is mainly assured with a well trained staff and a well laid out treatment room. Patient education is also important, including information about the nature of the treatment.

### 2.2. General Precaution & Caution

- Physicians and clinicians should read this manual thoroughly before attempting to operate the system.
- Make sure that all treatment personnel are familiar with the system's controls and know how to shut down the system instantly in case of an emergency.
- Do not use the system if it has been dropped or if any other type of excessive force has been applied. Always try to minimize shock and vibration.
- Keep the in & out side of applicator clean; pay particular attention to peltier electrodes & vacuum hole. Check the integrity of all components.
- Do not allow the applicator to come in contact with hard materials that could damage the applicators. Always check the condition before starting treatment for any defects.
- Strictly limit the use of the device only to personnel who are physician or qualified trainee.
- Never leave the system turned on, open or unattended during system maintenance.
- When treating with CoolShaping always use a sheet of CoolPad at every treating area not only to improve the efficacy but also in order to effectively protect the given area.
- In the course of treatment, do not change the temperature.

### 2.3. Burn Hazard

CoolShaping is a state-of-the-art cryogenic fat reduction device for medical aesthetic applications. The system emits high powered cooling energy that may damage the skin in case of using excessive power.



#### CAUTION

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- Do not operate CoolShaping before reading this manual thoroughly. Failure to observe these precautions & cautions may void the warranty.
- Do not disconnect, repair the device. Merchandise-defect due to this act may void the warranty.

## 2. Equipment Safety

### 2.4. Electrical Hazard

- CoolShaping produces high voltages. Some components may retain a charge after the power supply has been turned off, so no part of the exterior housing should be removed. Removing the console covers may create a safety hazard.
- Always make sure the system is turned off before connecting/disconnecting the applicator to/from the system.
- Never use the system in the presence of explosive or flammable materials.
- Water and electricity are a dangerous combination. Do not place CoolShaping in wet surroundings. Do not immerse any part of the system into liquids directly.
- The use of accessories and cables other than those specified may result in increased emissions or decreased immunity of the device. It is forbidden to connect any third-party equipment to the system.
- Do not use a damaged cable that has been damaged.

### 2.5. Cleaning Induced Hazard

- Neither main device nor the applicator should be submerged in liquid. Please turn off the AC power switch before cleaning the device.
- Use a soft cloth for both cleaning and disinfecting. Keep the device and applicator clean at all times to get the best possible performance.
- If 70% isopropyl alcohol is used to clean and disinfect any part of the CoolShaping system, allow it to dry thoroughly before operating the system.

### 2.6. Operational Safety

- Never use a damaged applicator. Always check the condition of applicator before starting treatment for any defects.
- Always clean and disinfect the applicator properly before treatment.
- Allow access to the treatment room only to personnel who are well trained in the required safety procedures.
- CoolPad is indispensable and compatible item which should always go along with CoolShaping treatment.
- During system operation, the generated electromagnetic field may interfere with other devices and computers. Always place the system at least two meters away from computers and other electrical devices.



#### **WARNING**

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- Any cryogenic based device can cause skin injury if used improperly.
- Always be aware of the possible dangers and take proper safeguards as described in this manual.
- To avoid the risk of electrical shock, this equipment must be connected only to an electrical supply outlet with protective earth.
- Do not touch the applicator connector while the system is turned on; this may cause electrical shocks.

## 2. Equipment Safety

### 2.7. Installation hazards

- Do not place this device in direct sunlight. Install the device in aired indoors(10~24 °C).
- Do not place this device in an aslope area.
- Do not give an impact to this device. The slightest external stimulation can be caused serious problem.

### 2.8. Contraindications

CoolShaping is a safe device yet treatment operated by CoolShaping is contraindicated for those patients who have following symptoms and/or diseases.

Please have your patients consult to doctor prior to the treatment.

- Pregnancy
- Diseases(Cardiovascular disease, Liver disease, Kidney disease, Cancer, **Diabetes**; diabetics are predisposed to nerve issues, so it is highly likely that they tend to feel severe numbness during the treatment)
- Infection in the region
- Patient with keloid
- Use a pacemaker
- Regularly taking anti-inflammatory medication
- Sensitive problem skin
- Hypertrophic scar marks
- Red spot



#### WARNING

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- The operator has the ability to adjust the treatment environment & energy setting as per respective patients' fat & skin condition. CoolShaping Auto Mode is pre-programmed with proven treatment guidelines. However the user has the ability to adjust there energy setting as per their decision based on the patients' condition.
- Treatment results may vary.

## 3. Component

### 3.1. Structure

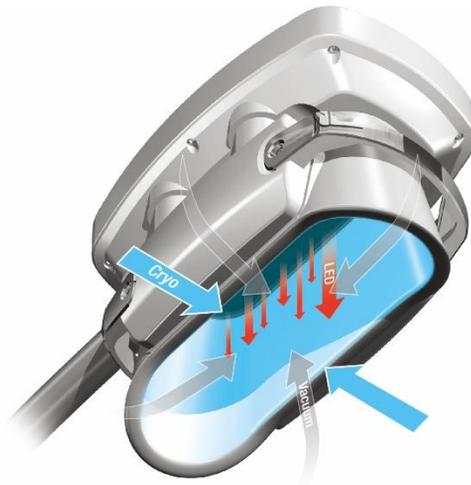


- CoolShaping System -

### 3. Component

#### 3.2. Applicators

- Engineered with Integrated Technology (Cryogenic Fat Reduction + Vacuum + LED)
- Operators are able to use two applicators simultaneously.
- Available in 2 Medium sized applicator. [Large & Small sizes are optional.]



[ Medium size ]	[ Large size ]	[ Small size ]
		
<b>Dimension</b> 108mm(W) x 188mm(D) x 138mm(H)	<b>Dimension</b> 118mm(W) x 220mm(D) x 142mm(H)	<b>Dimension</b> 108mm(W) x 172mm(D) x 120mm(H)



**NOTE**

Call your local dealer if you want to purchase additional components of CoolShaping.

## 4. Site Preparation

### 4.1. About Site Preparation

When preparing the site, operators should consider the spatial, electrical, environmental, transportation and storage requirements of the system. Before unpacking, ensure that the site meets the requirements described in the following sections.

### 4.2. Spatial Requirements

Space should be allocated with adequate ventilation and free airflow. The working area for the system should be prepared according to the system dimensions presented in **Specification** chapter. In order to guarantee proper ventilation, always keep the sides of the system at least 0.5 meters from the wall or from other obstructions to air flow.

The system can interfere with computers and other electrical and medical devices. It should be placed at least two meters away from any such devices.

### 4.3. Electrical Requirements

CoolShaping incorporates a universal power supply module that allows it to be connected to standard electrical outlets anywhere. Please consider the following electrical requirements before installing the system:

- The AC line power requirements for the system are:
  - 100 V / 220~240 V
  - 50 Hz / 60 Hz
- The power receptacle must be grounded.
- CoolShaping should not share a power line with other heavy power-load equipment such as air conditioners. Ideally, this should be on a separate power line with a separate circuit breaker.

### 4.4. Environmental Requirements

#### **Air Quality:**

- The system should operate in a non-corrosive atmosphere. Corrosive materials such as acids can damage electrical wiring, electronic components and the surfaces of treatment components.
- Keep dust and hair particles to a minimum.

#### **Temperature:**

- To ensure that the system performs optimally, maintain room temperature between 50° to 68° F [10° to 24°C] and relative humidity at 30% to 75%, non-condensing.
- Do not place the device near heating vents or other sources of temperature variation.



#### **CAUTION**

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- Verify that the CoolShaping is wired for the appropriate line voltage of your country.
- Proper grounding is essential for safe operation.

## 4. Site Preparation

### 4.5. Storage & Transportations Requirements

To maintain the system properly during storage and transport, follow these requirements.

- Keep the storage room temperature between 40° and 105° F [5° to 40° C].
- Keep the system in a location where the humidity is between 10% and 90%, noncondensing.
- Store the system where the air is free of corrosive substances, such as salts or acids.
- Store the system where there is a minimum of dust particles.
- Minimize shock and vibration.
- Do not drop.
- Lift only with suitable and appropriate equipment.

## 5. Installation

### 5.1. About the Installation

CoolShaping is designed for installation in an office or a clinic and requires minimal site preparation. System installation is carried out by clinic personnel, who will do the following:

- Unpack the system and position it in its pre-selected location.
- Verify the integrity of the system and its components.
- Connect the connecting cable & applicator.
- Plug the system into a designated electrical outlet.
- Test the system for functional operation of all components and software.

### 5.2. Connect the applicator

- 1) Locate the applicators at their cradles.
- 2) Match the applicator connector to the socket on the rear side of the device to the exact then press until you hear twice of clicking sound.; Respective applicator can be mounted on either at left or right site without pre-determined location.
- 3) You can disconnect the applicator by pressing buttons at both sides.

[Applicator holding at front.]



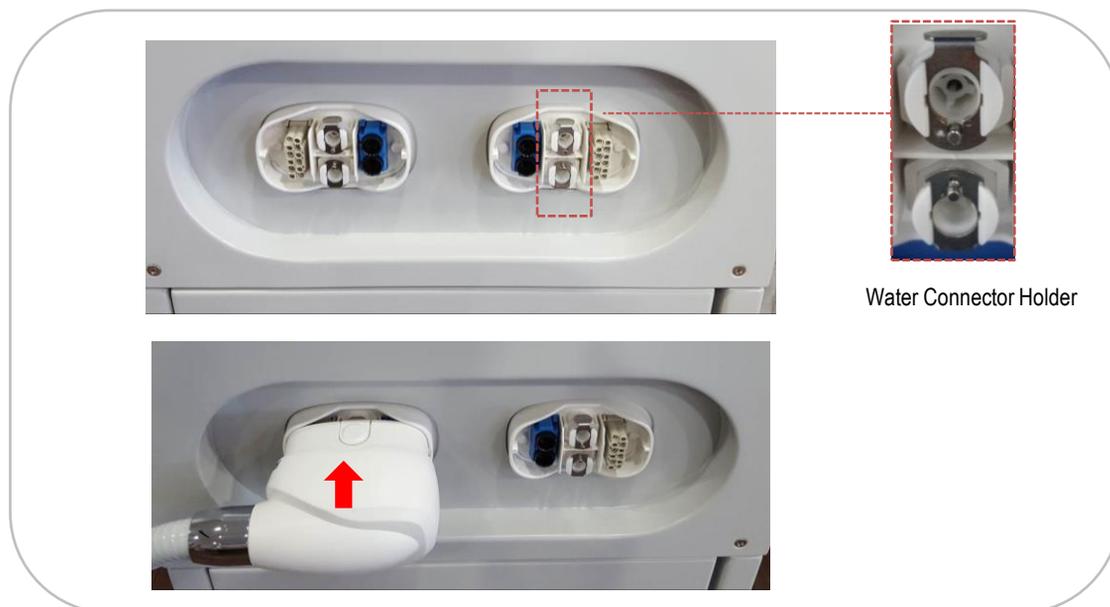
#### WARNING

Turn the system off and disconnect the power cable before connecting or disconnecting the applicators.

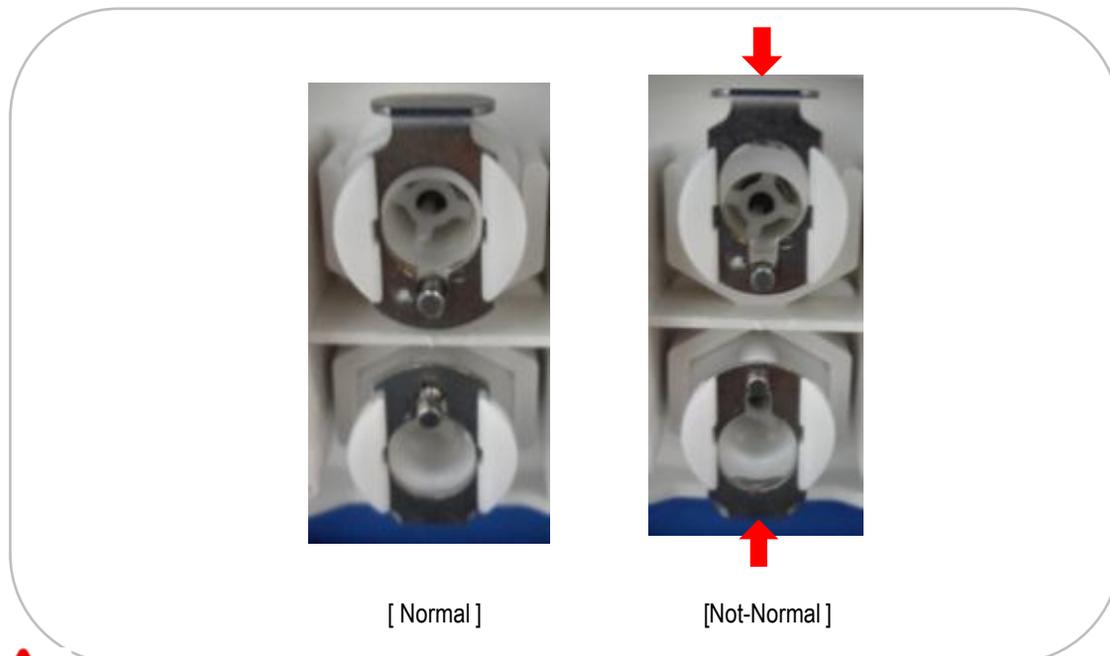
## 5. Installation

### 5.2. Connect the applicator

[Socket connecting on the rear of device.]



[Water connector holder on the device]



#### CAUTION

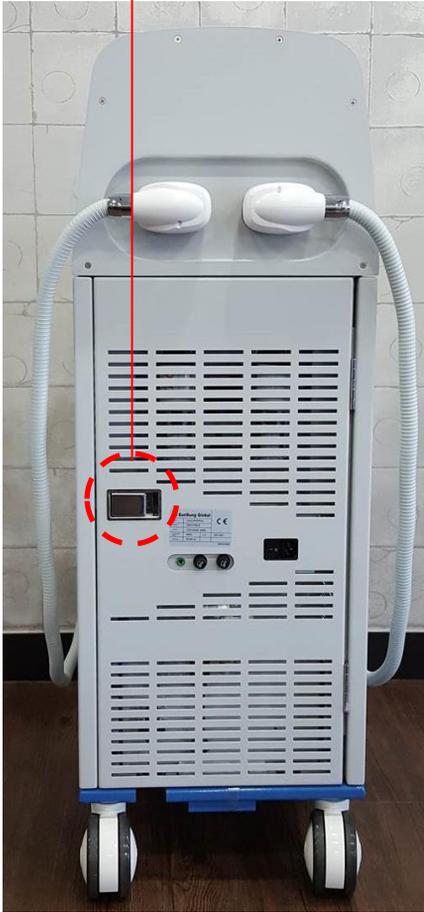
You can hear twice clicking sounds when the applicator connector attached completely with the water connector holder. Otherwise an accident caused by leakage may occur.

Before connecting, do make sure that the condition of water connector holder is 'Normal'. If it is 'Not-Normal' condition, press top and bottom of the water connector holder simultaneously as shown above.

## 5. Installation

### 5.3. Fill up the water

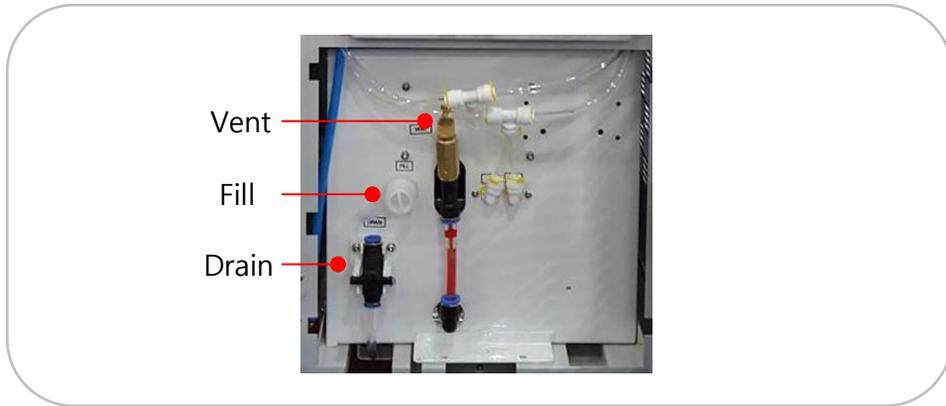
Pulling the latch to open the back plate



[ Open backside cover ]

## 5. Installation

### 5.3. Fill up the water



#### [ Fill the Water ]

- 1) Open the Fill port by turning in a counterclockwise direction.



- 2) Connect the funnel hose to Fill port then slowly fill the water up to the device.



**CAUTION**

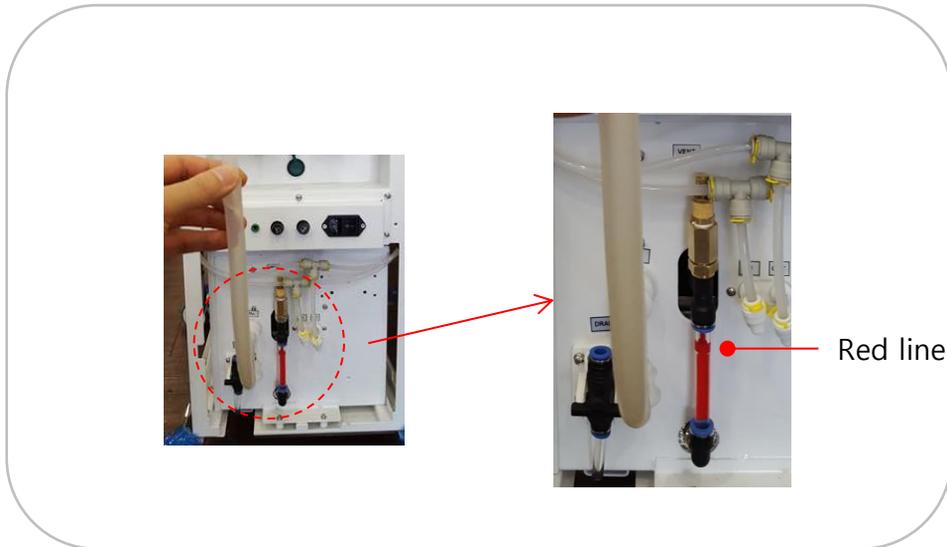
Never fill the water reservoir with regular tap water. Use only either **distilled** or **deionized** water.

## 5. Installation

### 5.3. Fill up the water

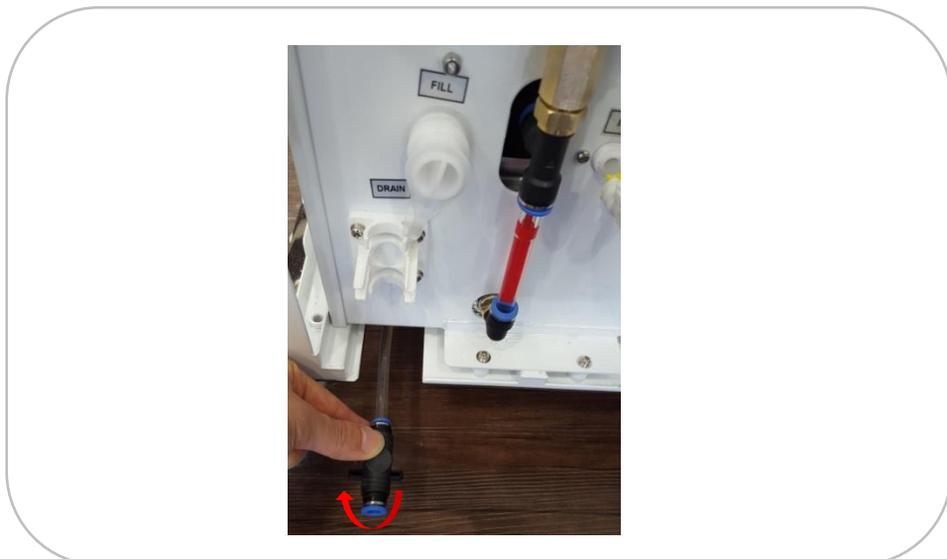
3) The water fills up the red line of the hose.

※ Fill water up and power on the Handpiece for 30 seconds and then re-fill the more water (at the time of first installation, water re-filling is a necessarily must step for effective water circulation)



#### [ Drain the Water ]

1) Unwind Drain port for water drainage.(If the device is not in use for a long period of time, please drain the water and store the device.)



**CAUTION**

Never fill the water reservoir with regular tap water. Use only either **distilled** or **deionized water**.

## 5. Installation

### 5.4. Connect the Power cable



### 5.5. Insert the Safety key

Insert the safety key into a key hole in the middle of device.



### 5.6. Turn on the Power

Power on by press the power button at the lower back side of device and then turn the safety key switch clockwise to the power on.



- Main Power Switch-



- Key switch -

## 6. Operating Instructions

### 6.1. About Operating Instructions

- 1) This section of the manual explains how to start and operate the system inclusive of possible warning & caution at each level of the procedure.
- 2) Prior to use the system, make sure that following conditions are all met
  - Main body & all applicators are clean & disinfected?
  - Wheels of the device[if any] is safely latched to the ground?
  - Power cable is connected to grounded socket?

### 6.2. System Operation

#### 6.2.1. Prepare the system for operation

- 1) Connect the system to the AC main power.
- 2) Connect both applicators at respective socket and locate in their cradles.
- 3) Turn on the system by pressing the power button & turn the safety key in the right direction.

#### 6.2.2. Turn on the CoolShaping

Once the system powers up, booting & loading screens appear one after another as shown below.



- Booting -



- Loading -



#### CAUTION

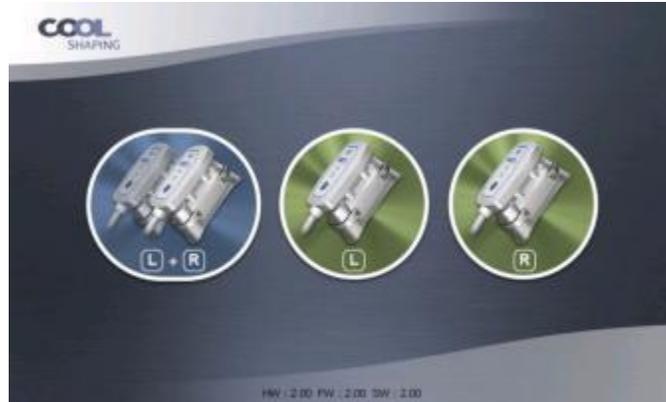
- Applicators should be connected and positioned in their cradles during system start-up.
- Always turn the system off before connecting/disconnecting the applicators.
- This system may only be operated by a licensed practitioner, according to the local laws in every country.
- Improper use or adjustment of this system may invalidate the service warranty agreement. Please contact your authorized distributor before attempting to use the system in any manner other than those specified in this operator's manual.

## 6. Operating Instructions

### 6.2. System Operation

#### 6.2.2. Turn on the CoolShaping

Lightly touch the screen to move to the selected treatment mode among three menu as shown below.



- HOME screen -

#### 1) Dual mode(L+R)

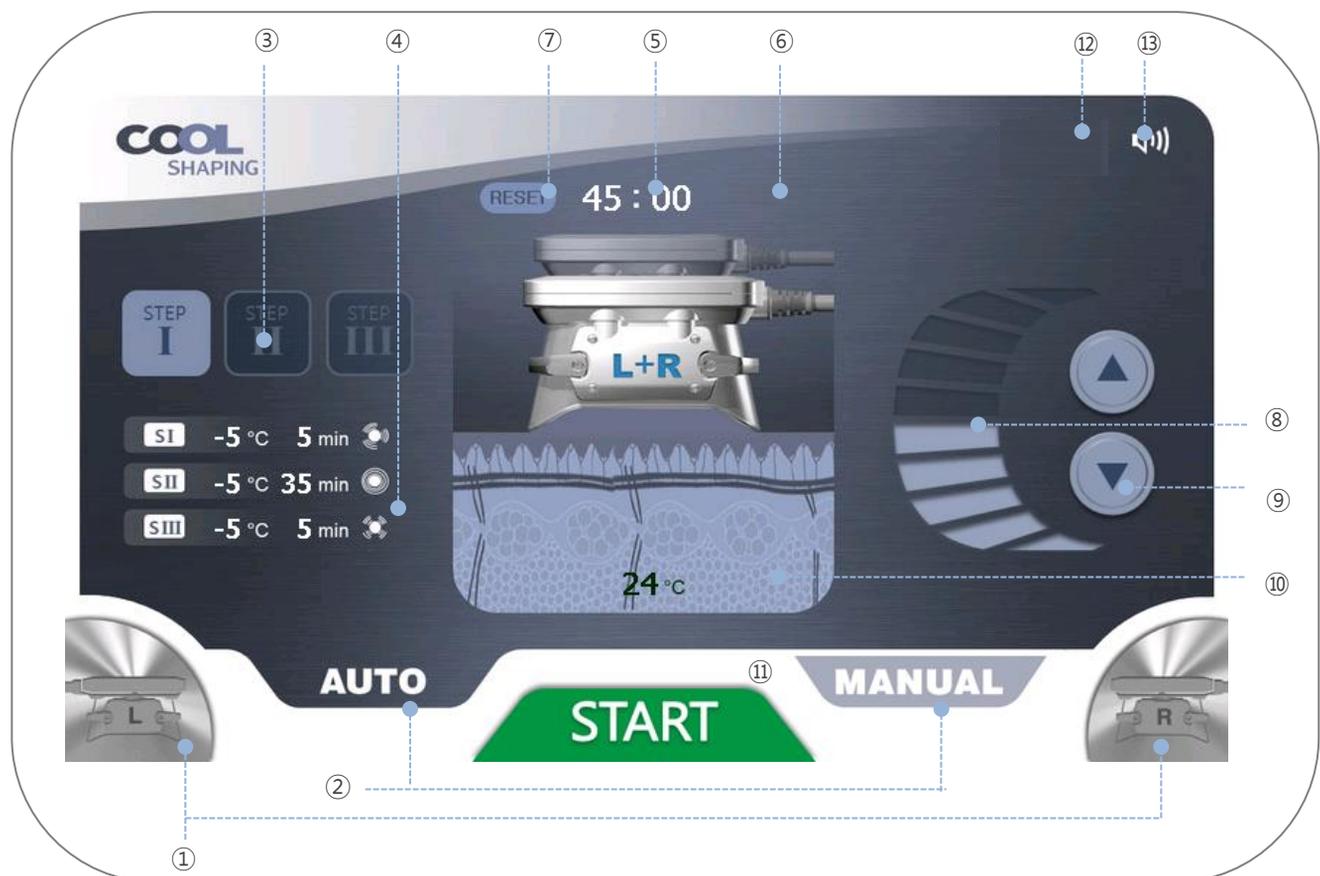
- **L+R:** Both Left and Right applicators operate with synchronized same value.

#### 2) Single mode(Left or Right Single)

- **L :** Left applicator operate alone.
- **R :** Right applicator operate alone.
- During the treatment using either Left or Right applicator, you still can add another applicator at other treating area.

## 6. Operating Instructions

### 6.3. Auto Mode Screen



① Applicator button	Select applicator
② Treatment mode button	Select treatment mode (Auto/Manual)
③ Treatment Step button	Select treatment step
④ Treatment program	Display treatment program information
⑤ Treatment time	Display treatment time
⑥ Time decrease/increase button	Select treatment time
⑦ Time reset button	Reset treatment time
⑧ Vacuum level display	Display vacuum level
⑨ Level decrease/increase button	Select vacuum level
⑩ Current treatment display	Display applicator operating
⑪ Start/Stop button	Select start and stop
⑫ Water level display	Display water level warning
⑬ Sound button	Sound On/Off button

## 6. Operating Instructions

### 6.3. Auto Mode Screen

#### ① Applicator button

- Select one of following applicator mode as shown below.
- Selected mode will be colored strikingly vivid as shown below.

1) L+R mode



2) Left mode



3) Right mode



#### ② Treatment mode

- Select either Auto mode or Manual mode



Auto mode



Manual mode

#### ③ Treatment step button

- Auto mode allows a process of going through STEP I → STEP II → STEP III in a sequential manner.



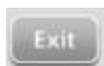
- Set details of Step Setting menu on pop up window by pressing Step Button.



Reset data



Save setting data



Exit from setting window.

## 6. Operating Instructions

### 6.3. Auto Mode Screen

#### ④ Treatment program

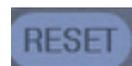
Step	Temp	Treatment Time	Pulse	Level
1	-5° C	5 Min		5
2	-5° C	35 Min		5
3	-5° C	5 Min		5

#### ⑤ Total Treatment time

- Preset : 45min
- After 45min of operation, the device will stop operating.

#### ⑥ Time reset button

- Reset treatment time and STEP set value
- Preset : 45min.



#### ⑦ Time decrease/increase button

- Select treatment time
- Adjustment range : 01min.~ 60min.



#### ⑧ Vacuum level display

- Preset : 5
- Display vacuum level



#### ⑨ Level decrease/increase button

- Select vacuum level
- Level can be changed during operating by press this button.

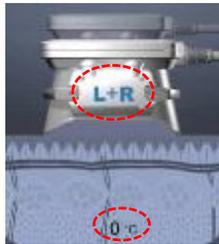


## 6. Operating Instructions

### 6.3. Auto Mode Screen

#### ⑩ Current treatment display

Display applicator operating, one of L+R, Left and Right



Stop



Operating

#### ⑪ Start/Stop button



Device in operation



Operation Stopped: Timer will be at pause.

#### ⑫ Water level display

- Water level warning



Normal



1st Warning



2nd Warning



## 6. Operating Instructions

### 6.3. Auto Mode Screen

#### ⑬ Sound button



ON



OFF

## 6. Operating Instructions

### 6.4. Manual Mode Screen



① Applicator button	Select applicator
② Treatment mode button	Select treatment mode (Auto/Manual)
③ Treatment pulse button	Select treatment pulse
④ Cooling temperature	Select cooling temperature
⑤ Treatment time	Display treatment time
⑥ Time decrease/increase button	Select treatment time
⑦ Time reset button	Reset treatment time
⑧ Vacuum level display	Display vacuum level
⑨ level decrease/increase button	Select vacuum level
⑩ Current treatment display	Display applicator operating
⑪ Start/Stop button	Select start and stop
⑫ Water level display	Display water level warning
⑬ Sound button	Sound On/Off button

## 6. Operating Instructions

### 6.4. Manual Mode Screen

#### ① Applicator button

- Select one of following applicator mode as shown below.
- Selected mode will be colored strikingly vivid as shown below.

1) L+R mode



2) Left mode



3) Right mode



#### ② Treatment mode

- Select either Auto mode or Manual mode



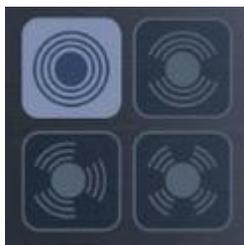
Auto mode



Manual mode

#### ③ Treatment pulse button

- Select Vacuum pulse
- 4 kinds of pulse



#### ④ Cooling temperature

- Set cooling temperature
- Adjustment range : -10 ~ 5°C



## 6. Operating Instructions

### 6.4. Manual Mode Screen

#### ⑤ Treatment time

- Preset : 45min
- After this time, device operating will be stop.

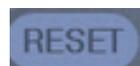
#### ⑥ Time decrease/increase button

- Select treatment time
- Adjustment range : 01min.~ 60min.



#### ⑦ Time reset button

- Reset treatment time and STEP set value
- Preset : 45min.



#### ⑧ Vacuum level display

- Preset : 5
- Display vacuum level



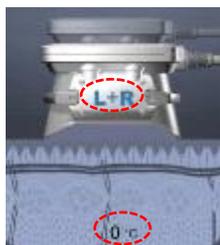
#### ⑨ Level decrease/increase button

- Select vacuum level
- Level can be changed during operating by press this button.



#### ⑩ Current treatment display

- Display operated applicator(L+R, Left, Right), current temperature, operational status .



Stop



Operating

## 6. Operating Instructions

### 6.4. Manual Mode Screen

#### ⑪ Start/Stop button



Device in operation



Operation Stopped: Timer will be at pause.

#### ⑫ Water error display

- Water level warning



Normal



1st Warning



2nd Warning



#### ⑬ Sound button



ON



OFF



## NOTE

- Both of dual mode and single mode has each of its own pre-selected Auto and Manual mode.
- **Auto mode** : Step 1 → Step 2 → Step 3
- **Manual mode** : Pulse, Temperature and Vacuum level are selectable as per operator's decision.

### Dual mode(L+R Mode)



- Auto -



- Manual -

### Single Mode (Left Mode)



- Auto -



- Manual -

### Single Mode (Right Mode)



- Auto -



- Manual -

## 6. Operating Instructions

### 6.5. L+R Dual Applicator Mode

#### 6.5.1. Auto mode

Automatic treatment mode with same synchronized value set both for Left and Right applicator.



- 1) Select L+R soft key from HOME screen.
- 2) **Auto mode** is automatically selected, if there will not be any mode-changing action.
- 3) After locating the CoolPad, attach 2 applicators at target place and press Start to initiate the CoolShaping treatment.
- 4) Default value is shown as above. If operators care to adjust more specifically in customized way, can adjust each value such as treatment steps and vacuum level.

## 6. Operating Instructions

### 6.5. L+R Dual Applicator Mode

#### 6.5.2. Manual mode

Manual treatment mode with synchronized value at Left and Right applicator .

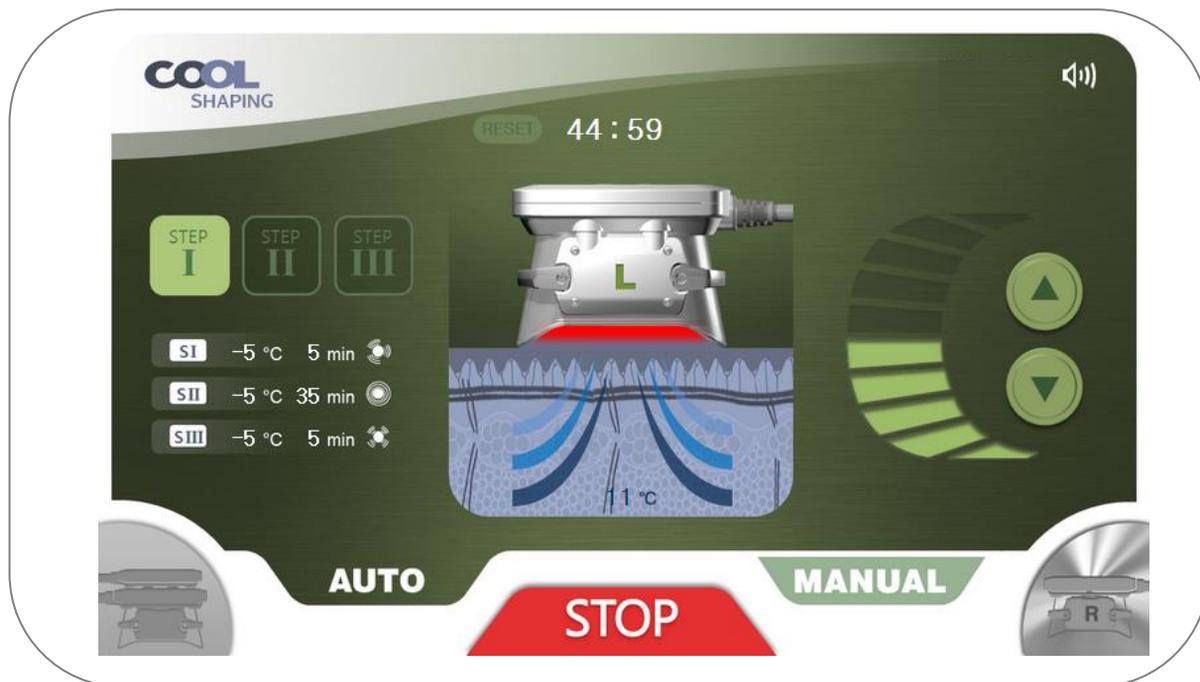


- 1) Select L+R soft key from HOME screen.
- 2) **Auto mode** is automatically selected, if there will not be any mode-changing action.
- 3) Press **MANUAL** soft key which is placed at the bottom right.
- 4) Select desired choice of Vacuum pulse.
- 5) Adjust Vacuum level.
- 6) Attach 2 applicators at each target area then press Start to initiate CoolShaping treatment.

## 6. Operating Instructions

### 6.6. L Applicator Mode

#### 6.6.1. Auto mode

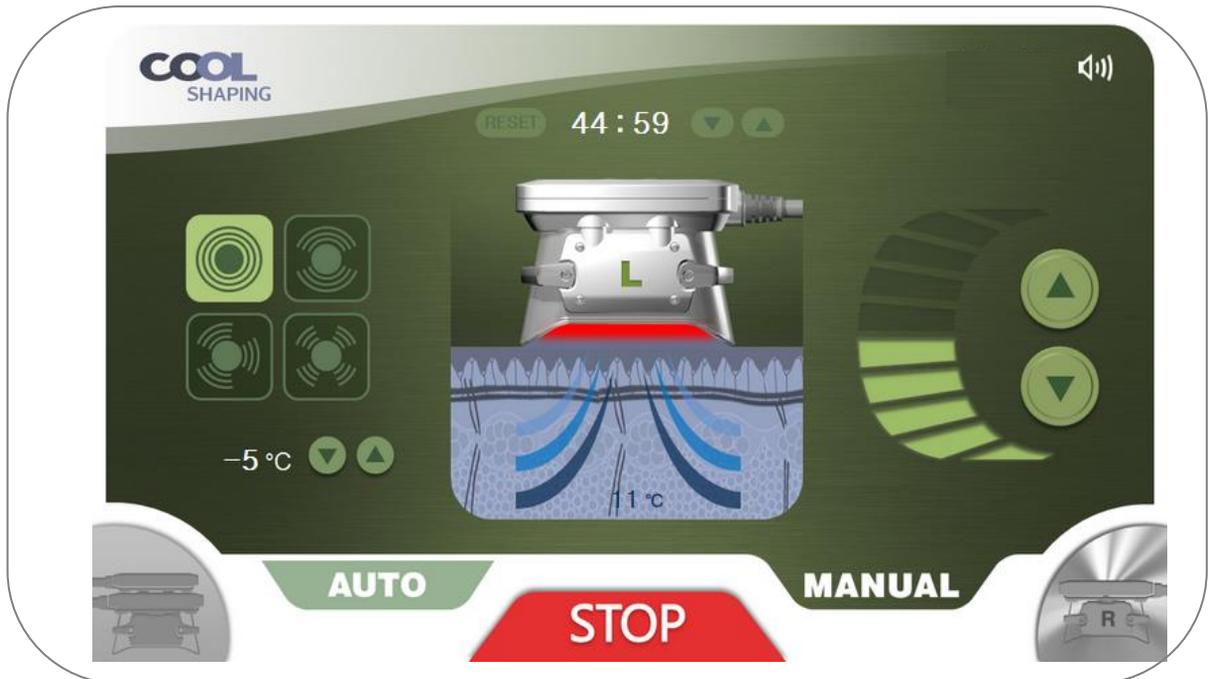


- 1) Select L(Left Applicator) soft key from HOME screen.
- 2) **Auto mode** is automatically selected, if there will not be any mode-changing action.
- 3) Attach an applicator at target area then press Start to initiate CoolShaping treatment.
- 4) Default value is shown as above. If operators care to adjust more specifically in customized way, can adjust each value such as treatment steps and vacuum level.

## 6. Operating Instructions

### 6.6. L Applicator Mode

#### 6.6.2. Manual mode

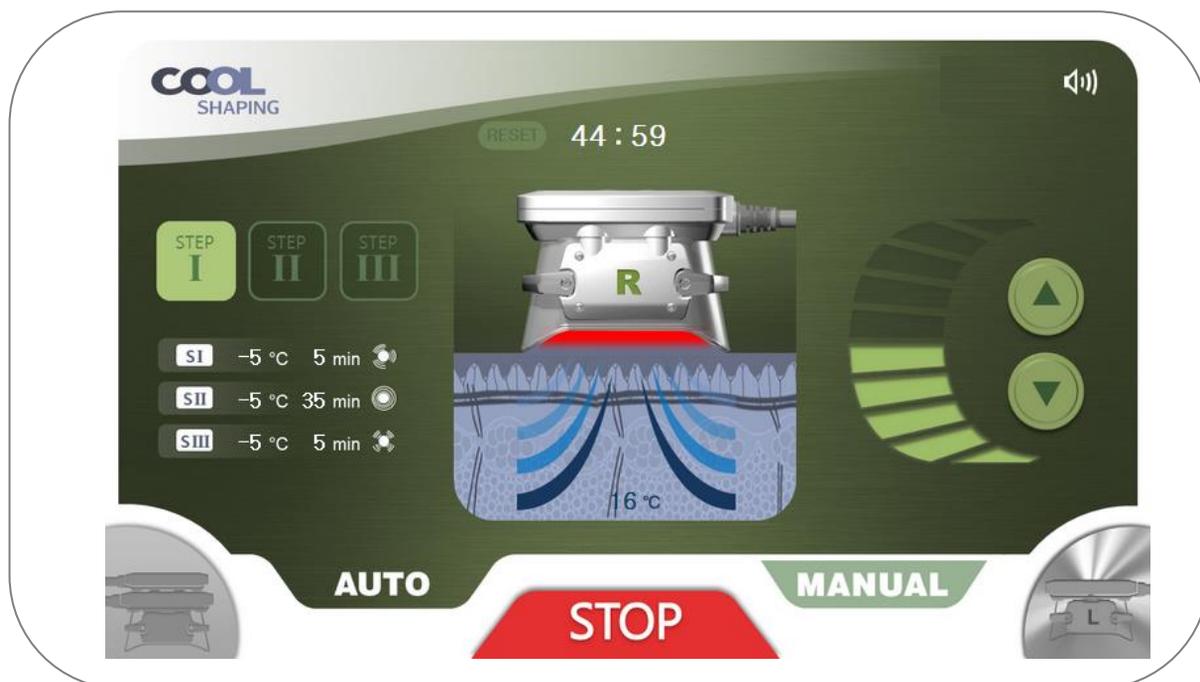


- 1) Select L(Left Applicator) soft key from HOME screen
- 2) **Auto Mode** is automatically selected, if there will not be any mode-changing action.
- 3) Press **MANUAL** soft key which is placed at the bottom right.
- 4) Select desired choice of Vacuum pulse.
- 5) Adjust Vacuum level.
- 6) Attach both applicators at their target treatment area then press Start to initiate CoolShaping treatment.

## 6. Operating Instructions

### 6.7. R Applicator Mode

#### 6.7.1. Auto mode

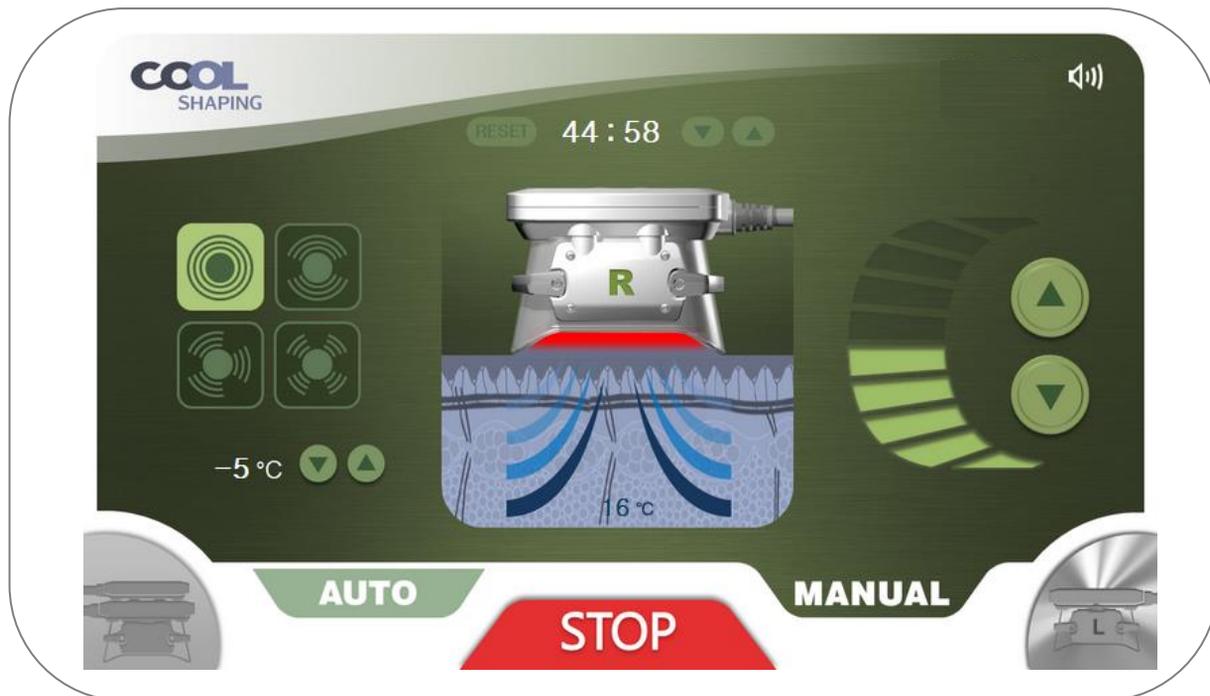


- 1) Select R(Right Applicator) soft key from HOME screen.
- 2) **Auto Mode** is automatically selected, if there will not be any mode-changing action.
- 3) Attach an applicator at target area then press Start to initiate CoolShaping treatment.
- 4) Default value is shown as above. If operators care to adjust more specifically in customized way, can adjust each value such as treatment steps and vacuum level.

## 6. Operating Instructions

### 6.7. R Applicator Mode

#### 6.7.2. Manual mode

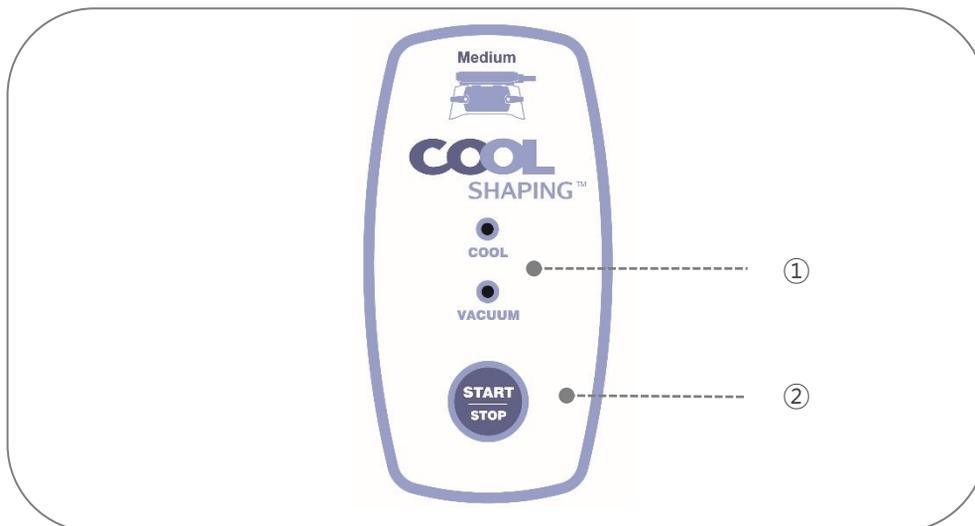


- 1) Select R(Right Applicator) soft key from HOME screen
- 2) **Auto Mode** is automatically selected, if there will not be any mode-changing action.
- 3) Press **MANUAL** soft key which is placed at the bottom right.
- 4) Select desired choice of Vacuum pulse.
- 5) Adjust Vacuum level.
- 6) Attach both applicators at their target treatment area then press Start to initiate CoolShaping treatment.

## 6. Operating Instructions

### 6.8. Applicator Buttons

Applicator reads COOL and VACUUM led lights. Device on/off is available by START/STOP button on the applicator.



#### ① Lamp

- **Cooling :** Turn\_ON      Turn\_OFF  
        
COOL      COOL
- **Vacuum :** Turn\_ON      Turn\_OFF  
        
VACUUM      VACUUM

#### ② START/STOP button



Applicator On/Off

Dual mode( L + R): 2ea applicators are activated at the same time by Start/Stop button of each applicators

# 7. Maintenance

## 7.1. About Maintenance

This chapter contains maintenance instructions for the CoolShaping system. Routine maintenance may be performed by clinic staff unless otherwise specified. Any maintenance procedure not mentioned in this chapter must be performed only by Eunsung's authorized technical personnel.

## 7.2. Cleaning

### Applicators:

- After treatment, clean the hand piece intake with brush. Clean with wet tissue.



### Air Filters

- 1) Open the backside cover to expose to air filter.
  - 2) Dislocate the air filter from the main unit by pressing down the black lever into the side of this icon(  ) them turn the bottle in the direction of left.
  - 3) Dispose of all the oil inside cleaning with mild soap and dry it out clean.
  - 4) Attach the bottle into the device by pressing down the black lever into the side of this icon(  ) then turn the air filter in to the direction of right.
- ※ Check filters once per month.



### Main Device

- Clean the outer surface of CoolShaping on a regular manner. Turn the system off and wipe all surfaces with a soft, damp, non-abrasive cloth. Be careful not to spill any liquids on or into the system.

### LCD Touch Screen

- The LCD screen preferably should be cleaned with a dedicated LCD cleaning solution along with microfiber cloth. This can be obtained from any office supply store.
- If dirt or any kind of debris are strongly attached to it, do not try to wipe it hard to remove it multiple times of soft stroke will do.



### WARNING

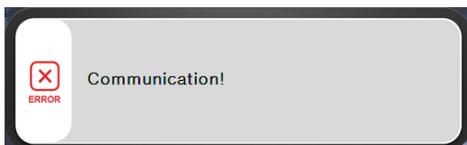
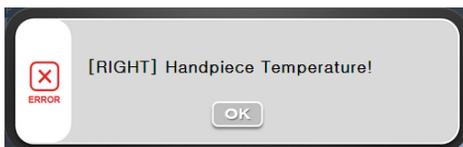
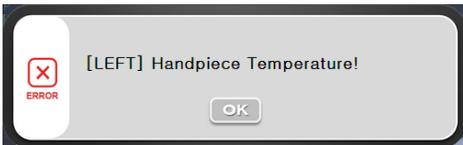
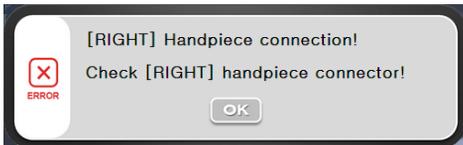
Maintenance by the operator should be performed only when the system is shut down and disconnected from the main power source. Performing maintenance procedures with the system turned on may be hazardous to the operator and/or destructive to the system.

# 7. Maintenance

## 7.3. Error Messages

The operators may encounter errors while operating the system. When an error occurs an error message appears on the display with a brief text message. All error messages are listed in the following along with corrective action if applicable.

The following does not attempt to list all possible system failures. Any error not listed should be referred to your local Eunsung service representative.



### Connection Error

- Applicator and/or its connecting cable is(are) not correctly attached to the device. Check both the socket & port to make sure it is well connected. Appropriately fit, the error message will be disappeared and the device will be functioning again.
- If only one of the applicator seems to have a problem, press ok to proceed on, the other applicator would still be available to use.

### Peltier Electrodes Temperature Error

- Temperature of peltier electrodes inside the applicator is not correctly being regulated.
- If only one of the applicator seems to have a problem, press ok to proceed on, the other applicator would still be available to use.

### Program Reset Error

- Device malfunction. Requires to reset. After the reset if the device still not working right, call to local Eunsung Representative office for the service.

### Communication error between CPU board & LCD.

## 7. Maintenance

### 7.3. Error Messages

[ Water level ]



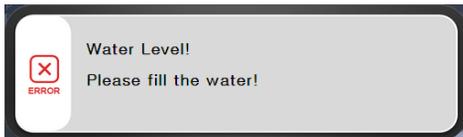
#### First warning

- If this symbol appears on the right side of the screen, there is a shortage of water in the device. However, the device is operating normally.



#### Second warning

- If, after the first warning (see above), no water is supplied, this symbol appears after 24 hours of operation. However, the device is operating normally.



#### Low water level.

- Fill the water reservoir with **distilled or deionized water**.

## 8. Treatment Guideline

- 1) Prior to initiate treatment, possibly try to soften tissue of treatment area prior to vacuum applicator placement.
  - Manual massage
  - 3 to 5 minutes of vacuum cycling with CoolPad.
  - Warm towels
- 2) Assess patient position.
- 3) Attach the CoolPad.



- 4) Place the applicator to the given treatment area.



- 5) Initiate cooling after you have confirmed patients' good placement of the applicator and the patient is in a comfortable position. Press start button.
- 6) Check on the patient periodically during treatment.



### CAUTION

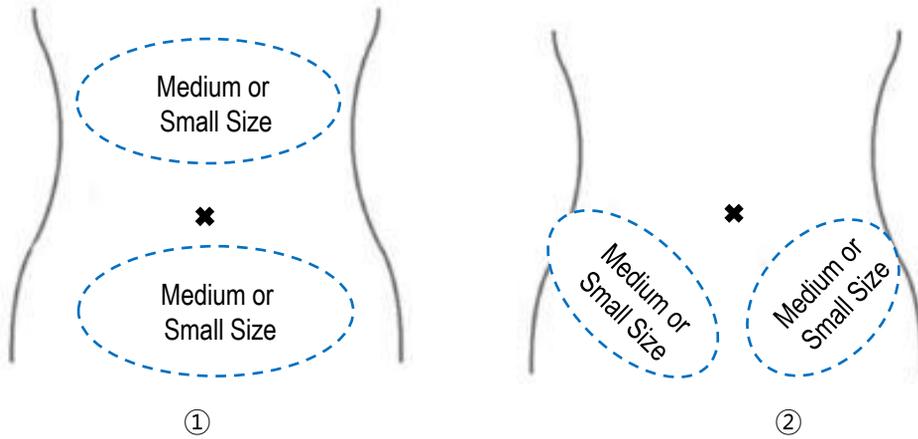
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It is necessary to place coolpad prior to locate the applicator on the treatment area. Coolpad is indispensable, please do not reuse. In case you need to relocate the applicator ad interim, coolpad also is needed to be changed to new.

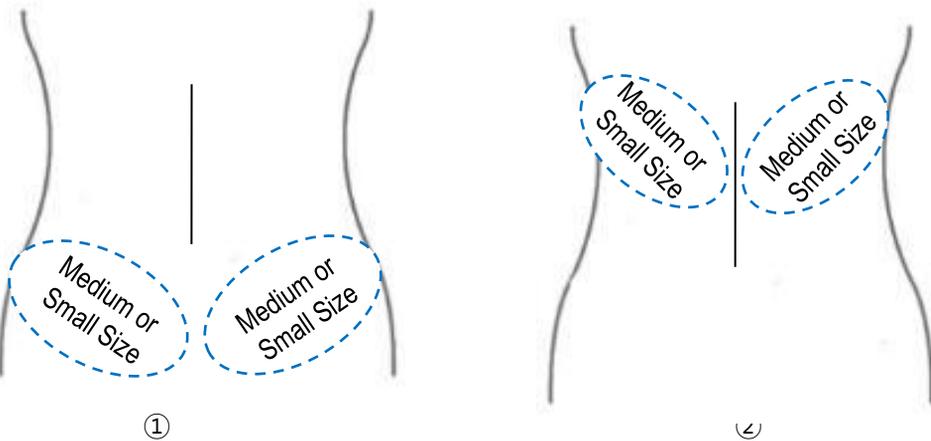
## 8. Treatment Guideline

### 8.1. L+R applicator

#### 1) Abdomen



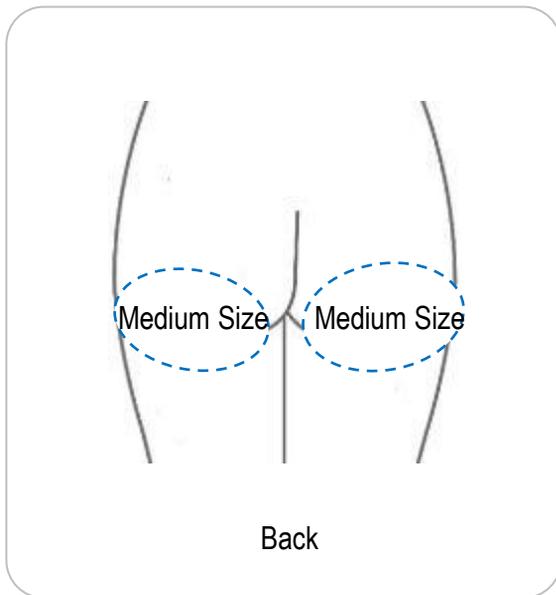
#### 2) back



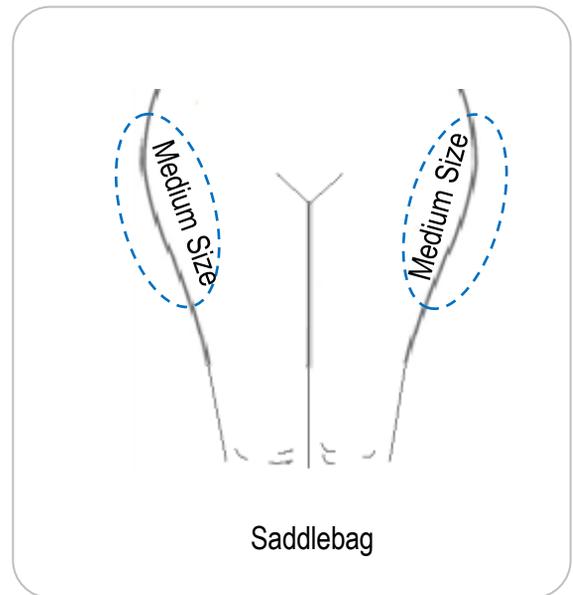
## 8. Treatment Guideline

### 8.1. L+R applicator

#### 3) Hip



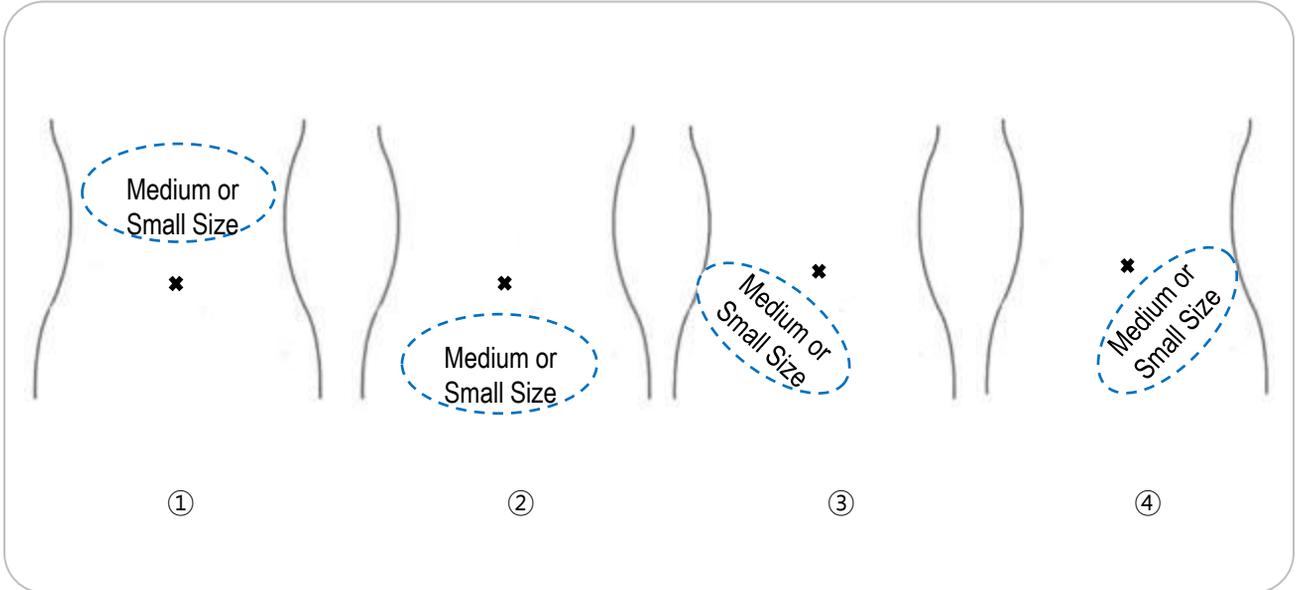
#### 4) Thigh



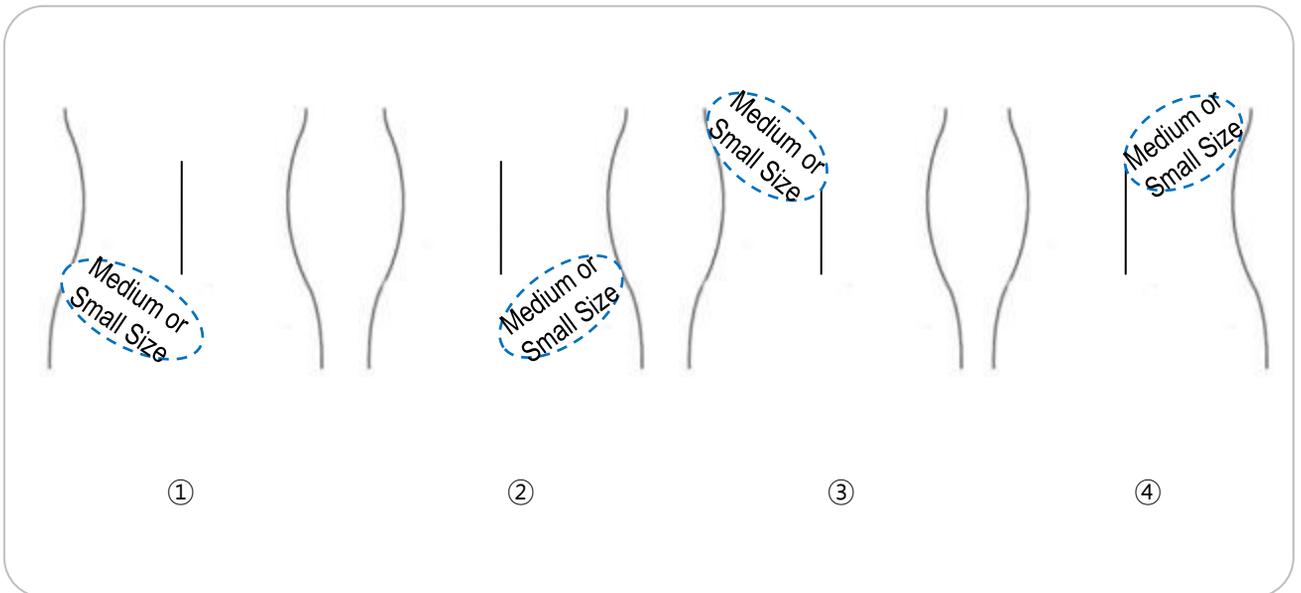
# 8. Treatment Guideline

## 8.2. L or R applicator

### 1) Abdomen



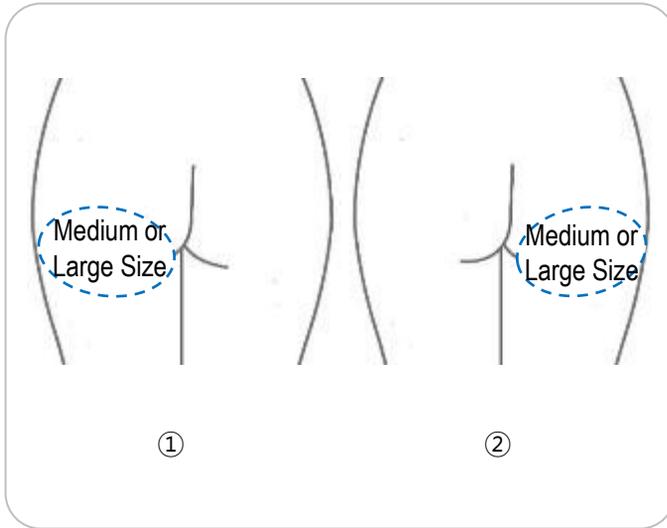
### 2) back



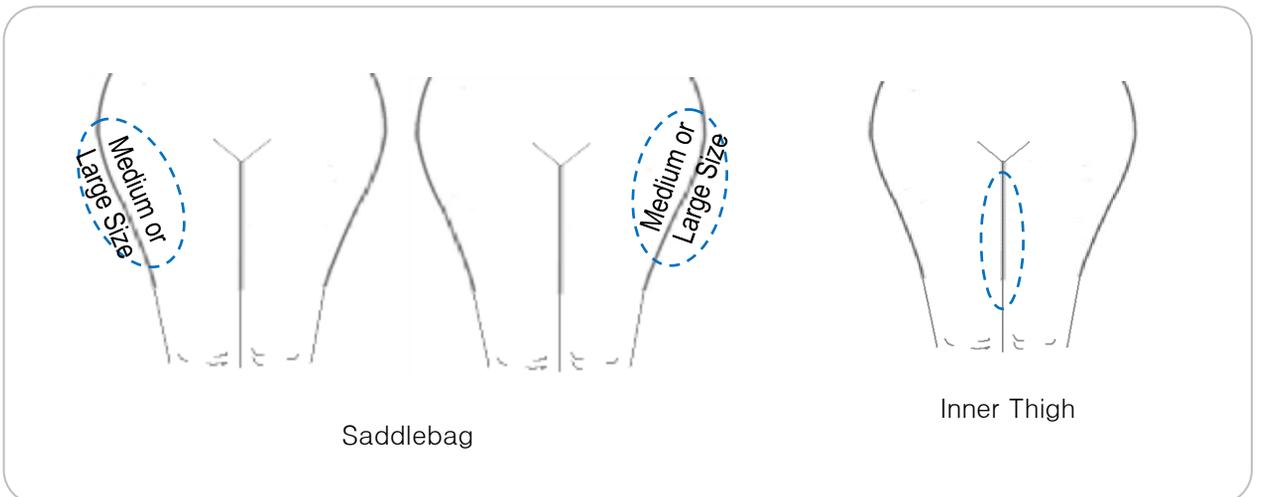
## 8. Treatment Guideline

### 8.2. L or R applicator

#### 3) Hip



#### 4) Thigh



## 9. Warranty

### 9.1. About Warranty

- 1) Eunsung Global implements Product Limited Warranty as follows based on reconciliation standard of consumers dispute by merchandise. (Notified by Fair Trade Commissions)
- 2) This section of the manual provides information regarding customer support, such as Warranty & Warranty Claims.

### 9.2. One Year Limited Warranty

- 1) You may claim the warranty if the device gets malfunctioned within an year from the date of the purchase.
- 2) Eunsung Global has the sole responsibility to determine the cause of merchandise defect.
- 3) One Year Limited Warranty only includes main device. (accessories and/or consumables such as applicators and CoolPads are not included)

### 9.3. Limitations & Exclusion

This limited warranty does not cover and Eunsung is not responsible for:

- The merchandise is being damaged caused by misuse, abuse, accidents, fire, theft, disappearance, misplacement, fluctuation and power surges, connection to improper voltage or incorrect electrical line voltage, malware, reckless, willful or intentional conduct
- Damages caused by a product or part that has been disconnected, modified, arbitrary repaired, altered without the permission or supervision of trained personnel from Eunsung.
- Damages caused by usage that is not in accordance with instruction of operator's manual, failure to follow the operator's manual or failure to perform cleaning or preventative maintenance;
- Damage caused by a product or components that has been modified to alter functionality or capability without the written permission of Eunsung Global.
- The merchandise that has no serial number.
- Merchandise defect ascribed to natural disaster.
- Normal wear & tear.



#### NOTE

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- Before returning merchandise, obtain prior approval from Eunsung Global.
- Fail to follow the detailed instruction will void the warranty. Also please read the following exclusion-conditions carefully before making any claim.

## 10. Technical Specifications

<b>Applicators</b>	1) Medium size 2) Small, Large size(Optional)
<b>Vacuum</b>	260mmHg
<b>Cooling Temperature</b>	-10℃ ~ 5℃
<b>Input Power</b>	110V / 240V,50 / 60Hz (Max. 600W)
<b>Panel</b>	10.2inch LCD & Touch screen
<b>Dimension (WxDxH mm)</b>	380×505×1,071
<b>Weight (net)</b>	60Kg

## 11. Customer Support

Sales Representatives

Manufacturer



Eunsung Global Corp..  
#1102~1105, 53, Gasan digital 2-ro, Geumcheon-gu, Seoul, 153-706, Korea  
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E-mail: [es@esglobal.co.kr](mailto:es@esglobal.co.kr)/[www.esglobal.co.kr](http://www.esglobal.co.kr)

