

**CODE 28430**

# **DOCTOR LIFE<sup>®</sup>**

**Compressible Limb therapy System**







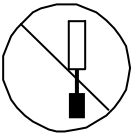
**Indication** : This manual is for user's safety and preventing any property-loss. Before using our device, please inevitably read this manual carefully.

***Many thanks for using our device.***

## For safe using our device

- Before using our device, please precisely read the manual.
- Keep this manual near to the device for easily reading it.
- This manual presents the details to be kept by users for preventing any danger or property-loss and for safe using the device.

### Guidance of indications

 <b>warning</b>	Death or serious wound can be happened if users don't follow the instruction.
 <b>CAUTION</b>	Wound or property-loss can be happened in case of disregarding the instruction.
 <b>PROHIBITION</b>	Instruction to be surely observed.
 <b>PROHIBITION</b>	Instruction to be prohibited.
 prohibition of disjoining	Don't disjoint the device.


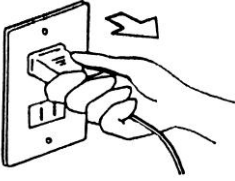
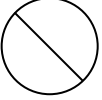
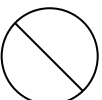
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## SAFETY PRINCIPLES



















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# 1) Electrical Safety

<p>This device is for domestic using. After checking your local voltage, please use a device! (Fire and electric shock possible)</p> <p></p> <p>PROHIBITION</p> 	<p>Stop using the device in case of smelling during using the device. In this case, put off the electric power and pull out plug from socket. And then inform it to service center. (Fire &amp; electric shock possible)</p> <p></p> <p>금지</p> 
<p>Pull out plug when not using or in case of lighting, thunder.</p> <p></p> <p>주의</p> 	<p>When insert or pull out plug, hold the plug itself not cord.</p> <p></p> <p>금지</p> 
<p>Don't insert or pull out plug with wet hand. (Electric shock possible)</p> <p></p> <p>금지</p> 	<p>Don't damage or bend or twist the power cord. (Fire &amp; electric shock possible)</p> <p></p> <p>금지</p> 




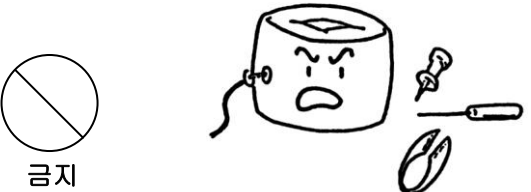



## 2) Safety for Body

<p>Forbid child to use the device. In case of blowing air into cuff with wearing cuff by child, serious wound possible</p>  	<p>Don't use air hose to nose, mouth and ears. (Injuring possible)</p> 
<p>Prohibit using the device in case of artificial-heart etc.</p>  	<p>Prohibit using the device in case of vein cancer, deep thrombophlebitis, phlebothrombosis patient. (Blood vessel can be stopped up)</p>  
<p>Prohibit using the device to the patients of artificial-joint, metal-inserting etc. (Harmful to health such as aversion)</p>  	<p>If feel any abnormal symptom during using the device, stop using it and consult to doctor.</p>  
<p>Prohibit using the device to the patients of heart disease, pretension, acute inflamed skin disease, lung edema, acute vicious or malignant tumor, erysipelas, circulatory disorders in the artenes, fevering etc.</p>  	<p>Surgical operation patients don't use the device till recovered perfectly (especially operation patients of internal organs, nerve and brain) (Bad effect possible)</p>  
<p>In case of drunken, don't use the device till getting rid of the effect of alcohol.</p>  	<p>Please wear cuff in at least thin clothing and close the zipper of cuff perfectly. If not so, during operation user's skin can be hurt by a zipper as zipper going down.</p> 

### 3) Safe use and maintenance of a device

<p>Use the device indoors of 0 °C~40°C Keep the device under humidity of 60%. (If not, trouble/fire possible)</p> <div data-bbox="245 600 347 734"> </div> <div data-bbox="491 571 571 779"> </div>	<p>Don't use the device in high humidity place. (Bathroom/sauna etc.) (Fire, electric shock possible)</p> <div data-bbox="836 716 938 851"> </div> <div data-bbox="1029 521 1311 795"> </div>
<p>Don't use or keep the device near to heating equipment or direct ray of light. (Trouble, fire, transformation possible)</p> <div data-bbox="199 1182 301 1317"> </div> <div data-bbox="359 1037 730 1317"> </div>	<p>Forbidden from children's touch. Disorder can be happened due to children's touch.</p> <div data-bbox="804 1153 906 1288"> </div> <div data-bbox="997 1014 1407 1283"> </div>
<p>Keep the device horizontally. (In case of leaning, trouble/disorder possible)</p> <div data-bbox="231 1691 333 1825"> </div> <div data-bbox="411 1597 762 1814"> </div>	<p>In the case that you use a device in other country, please check voltage of the country before using a device. (If not so, fire, electric shock or break down of a device possible)</p> <div data-bbox="804 1765 906 1899"> </div> <div data-bbox="973 1624 1364 1892"> </div>

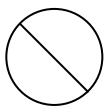
## 4) Safe use of cuff

<p>Don't use a cuff with accessories, watch etc. (Physical damage of user's skin and breakage of cuff possible)</p>  <p>금지</p>	<p>Except testing, don't blow air into cuff under the condition of not wearing cuff on body (Damage, anti-endurance possible).</p>  <p>금지</p>
<p>Don't keep cuff near to heating materials such as stove, cigarettes etc. (Leaking of air or fire possible)</p>  <p>금지</p>	<p>Don't keep cuff near to dangerous keen materials such as needle, scissors. (Cuff can be damaged and disorder possible)</p>  <p>금지</p>
<p>Don't use cuff to naked body. In wearing thin underwear, use the cuff. (Cuff's endurance can be weakened due to sweat, cosmetics and sebum)</p>  <p>주의</p>	<p>Don't stain cuff by oil, benzene, alcohol, gasoline etc. (Anti-endurance possible)</p>  <p>금지</p>
<p>When blowing air into cuff, don't use other tool except our machine. (Damage of glove and bodily harm possible)</p>  <p>금지</p>	

## 5) Cleaning and Others

When cleaning the device, don't use water, oil, benzene, alcohol, gasoline, chemicals etc. (If not so, the life of the cuff will be very shorten)

*Use dry towel.*

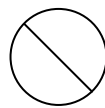


금지



When cleaning the device, don't use water, oil, benzene, alcohol, gasoline, chemicals etc. (If not so, the life of the cuff will be very shorten)

*Use little wet towel.*



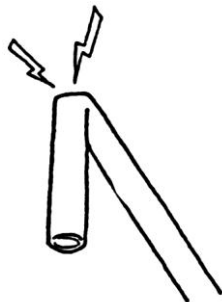
금지



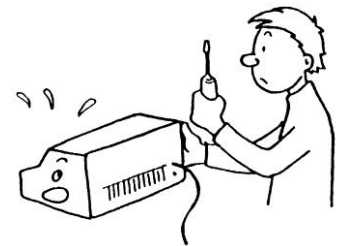
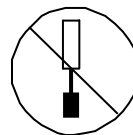
Don't fold or bend the hose.



주의



Users prohibit repairing, reproducing or disjoining the device. (Fire, electric shock possible)



Be careful not put clip, staplers, needle, metal or food into the device.

(Short, heating generation possible)

*If happened, inform it to concerned agent.*



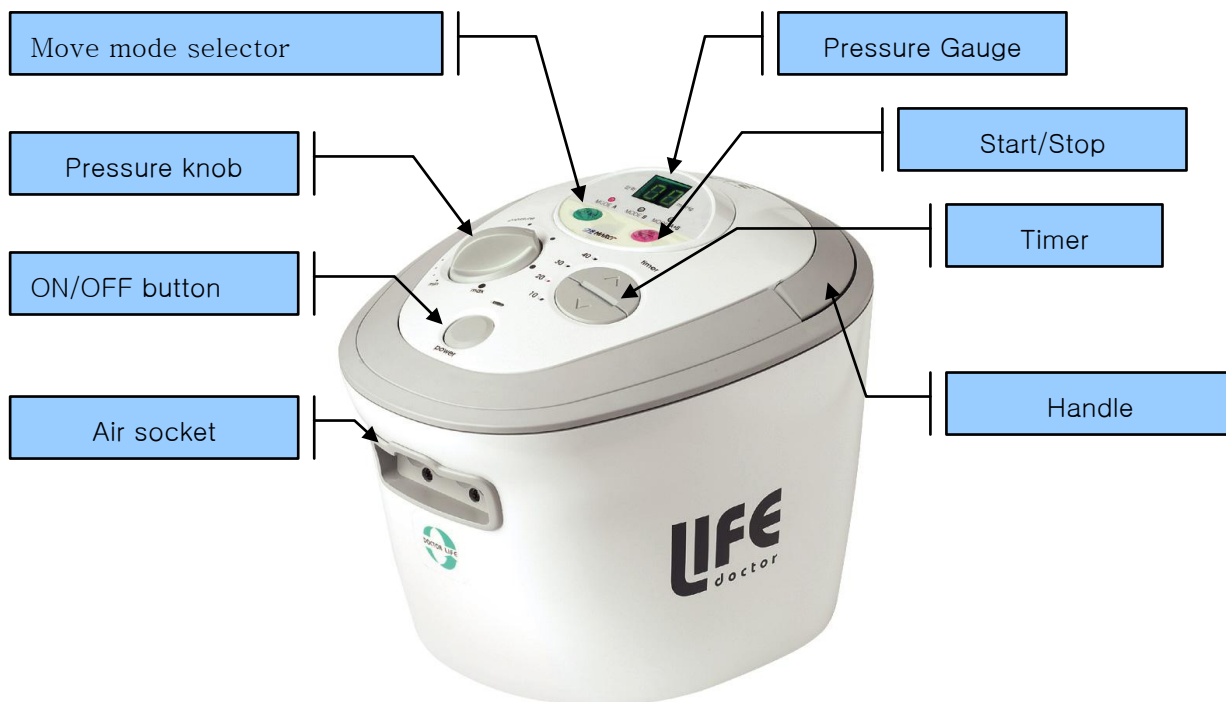
주의



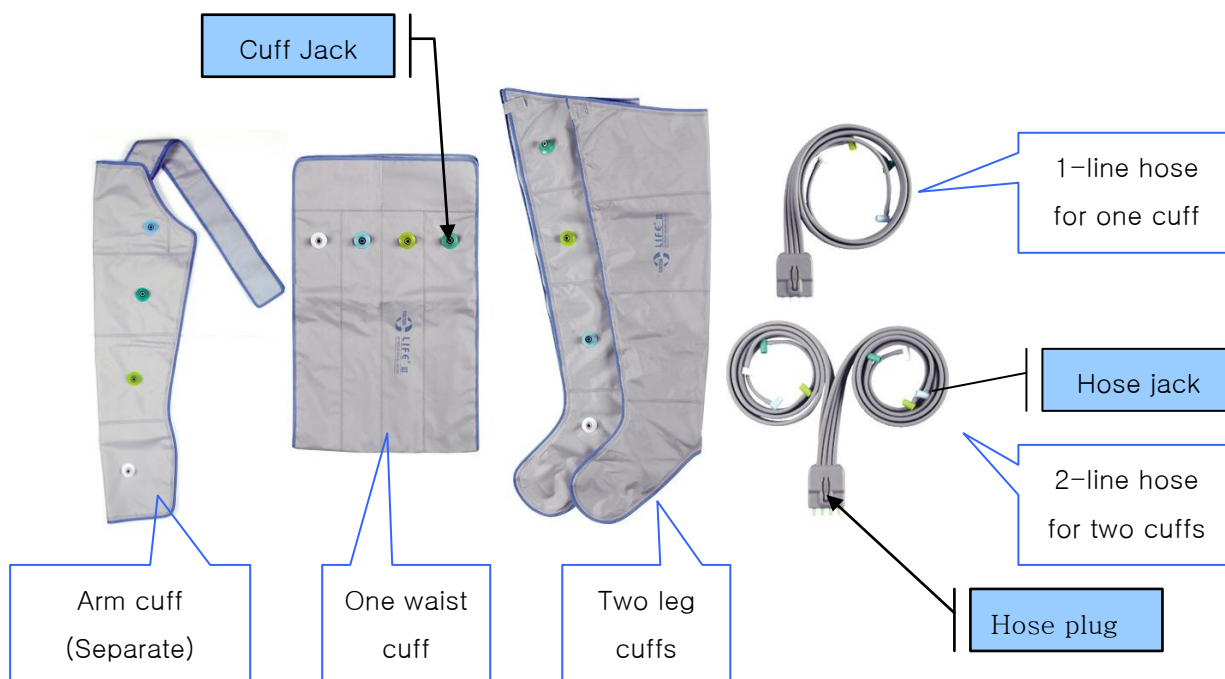


# 1. NAME OF PARTS

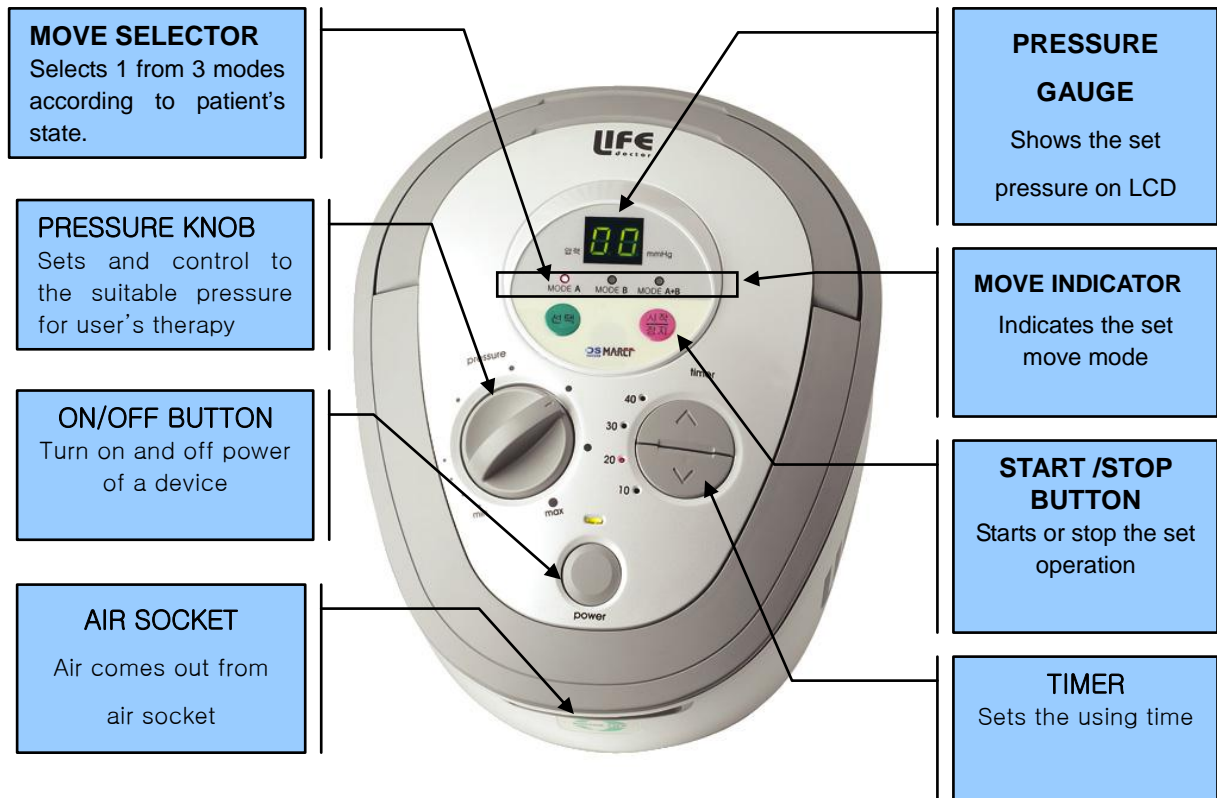
## ■ A MAIN BODY



## ■ ACCESSORIES



## 2. NAME AND EXPLANATION OF OPERATORS



## 3. SPECIFICATIONS

<b>MODEL</b>	DL2002D	<b>PLACE</b>	Indoors
<b>VOLTAGE</b>	AC220V 50/60Hz	<b>TIME RANGE</b>	10, 30, 60, 90min
<b>REGULAR FUSE</b>	AC220V 3A 20mm Glass Tube Fuse	<b>PRESSURE RANGE</b>	10~180mmHg (±20mmHg)
<b>POWER CONSUMPTION</b>	60W	<b>DIMENSION</b>	190 X 250 X 210mm
<b>WEIGHT</b>	3Kg (A main body), 7~8Kg (Package)		

## 4. HOW TO USE

### 1) Feature of a device

- **3 Move mode**

There are 3 Move modes. (Mode A, Mode B, Mode A+B)

- **Pressure sensor**

The pressure is kept regularly to the set point of pressure by the perception of pressure sensor regardless of the size of user's body.

- **Digital pressure gauge**

User can check the correct pressure intensity easily by digital pressure gauge.

- **Digital Timer**

User can set the use time correctly with Digital Timer.

- **One touch connection type of hose plug and air socket(Simple hose type)**

It protects a hose plug not to fall out from air socket during operation.

As hose type is one body, user can connect hose to the air socket or cuff simply.

- **SAFETY SYSTEM**

When the power gives out suddenly during the operation of device, it is very safe because safety system discharges automatically air from cuff.

### 2) Cautions for beginners

- ◆ **Pressure setting**

From the first use, if pressure is set too strong, it can give a burden to the body.

Beginners should use it by setting the pressure to 6 (60mmHg) in the beginning.

Fist, please use it at the low pressure and increase the pressure step by step.

- ◆ **Leg cuff**

In using leg cuff(s), please apply with stretching the leg(s) definitely. If not so, user can feel pain on knee.

- ◆ **Waist cuff**

In using a waist cuff, please rap user's abdomen and hip simultaneously with a waist cuff. If user applies it to only abdomen, user can feel pain on abdomen.

- ◆ **Arm cuff**

Please set the cuff to user's arm with a fixing band for arm cuff not to drop during operation.

- ◆ **Air hose**

Air hose should be applied differently according to cuff number.

Please use 1-line air hose in wearing one cuff.

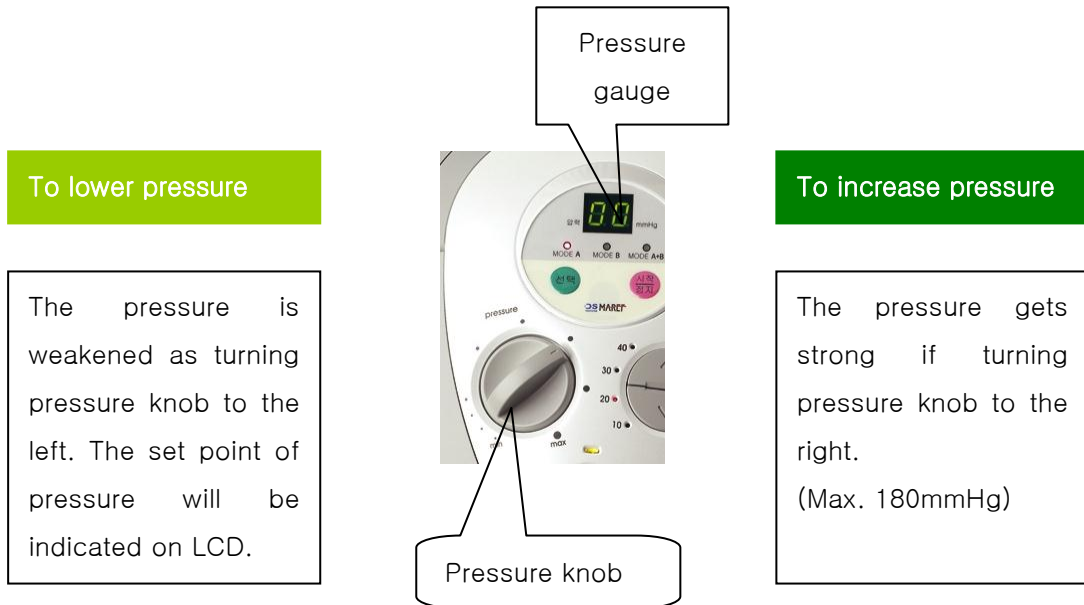
Please use 2-line air hose in wearing two cuffs.

### 3) How to set pressure      Pressure range: 10~180mmHg (Unit: 10mmHg) $\pm 20$ mmHg

**Suitable pressure setting is 60mmHg~120mmHg.**

Please read the pressure to the indicated pressure X10mmHg.

EX) When the set pressure is 11, read the pressure to 11X10mmHg=110mmHg!



- ◆ The pressure of cuff is perceived and reached automatically to the set pressure by pressure sensor regardless of pressing time.
- ◆ If user feel weak the pressure than the set pressure, please check whether air leaks from cuff or not.
- ◆ When air is leaking from the ripped cuff, the pressure sensor perceives the leaking and stay for only 10 seconds and then skips to the next chamber automatically

### 4) How to use a timer

Timer setting: 10min., 20min., 30min, 40min

**The suitable using time is 10 minutes.**




## 5) How to set move mode

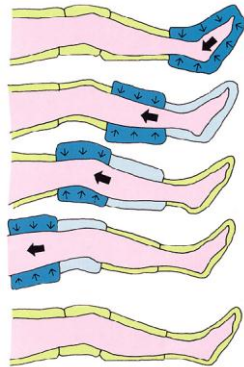
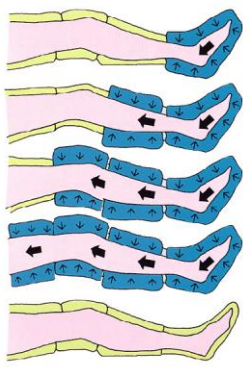
There are three move modes.

**We recommend suitable mode to mode A+B.**



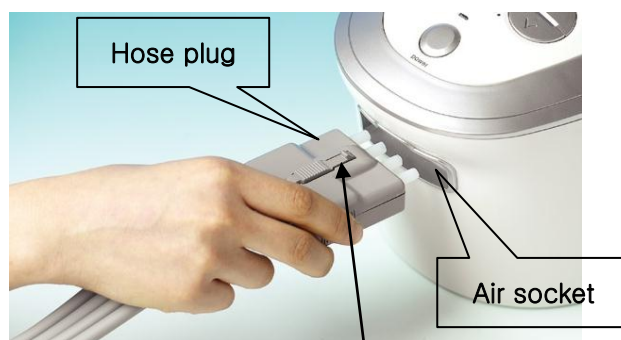
If pressing  button, the move mode moves in order of mode A, mode B, mode A+B.

Please select the suitable mode as referring to the below table.

MODE A	MODE B	MODE A+B
 <p>To get better effect to massage therapy of muscles, etc.</p>	 <p>To get better effect to the circulation of lymph and blood (for lymphoedemas)</p>	<p>This mode repeats Mode A and Mode B alternatively.</p> <p><b>We recommend this mode which has two therapies at one application.</b></p>

Notice) during operation, if you change the move mode, the changed mode is applied after finishing the movement of previous mode.

## 6) How to connect hose plug to air socket



Lock  
projection

- ◆ As side picture, insert air plug to air socket by fitting a lock projection on air plug to lock hole above air socket.
- ◆ Please put air plug to the end of air socket. If not so, air can leak from air socket.

## 7) How to connect 4 hose jacks to a cuff

**Put 4 hose jacks to 4 caps of the same color on cuff!**

The effect of therapy will drop if the order of putting is not right.

Please check definitely the order of pressurization is applied from foot→calf→knee→thigh in turn.

## 8) How to use one leg cuff



- As side picture, wear a leg cuff to user's leg and put 1-line hose plug perfectly to air socket of a main body.  
If not so, air can leak from air socket.
- You can just use 1-line hose in using only one cuff.

## 9) How to use two leg cuffs



- As side picture, wear two leg cuffs to user's two legs and put 2-line hose plug perfectly to air socket of a main body.  
If not so, air can leak from air socket.
- You can just use 2-line hose in using two cuffs.

## 10) How to use an arm and a leg cuff simultaneously



- As side picture, wear an arm cuff and a leg cuff to each user's arm and leg and put 2-line hose plug perfectly to air socket of a main body. If not so, air can leak from air socket.
- You can just use 2-line hose in using two cuffs.

※Caution: In the case of the old, the weak or especially a user having a weak heart, please use only one arm cuff. As arm cuff is applied near to a heart, the compressible therapy of two arm cuffs may give excessive burden to the heart of user.

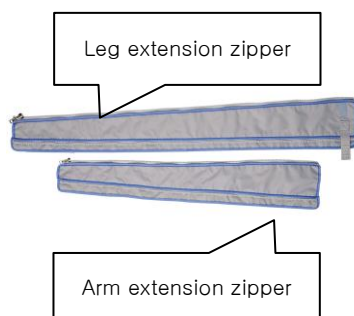
## 11) How to use a waist cuff



- As side picture, wear a waist cuff to user's waist and put 1-line hose plug perfectly to air socket of a main body. If not so, air can leak from air socket.
- You can just use 1-line hose in using only one cuff.

## 12) In the case that cuff is too small to use

- Separate purchase -



- If an arm or leg cuff is too small to user, user can select one of extension zipper or cuff of XL size and in the case that a waist cuff is too small, user can apply the waist cuff of XL size.
- To use the zipper, open the zipper of arm or leg cuff to the last extremity and then connect an extension zipper in the middle of cuff as running up the zippers.



### **13) How to start/stop the operation of device**

Power up and set the pressure 60mmHg, Timer(10분), Move mode(A+B) and then press the Start/Stop button to start the operation and press again Start/Stop button to stop operating a device.

(NOTICE)

If stop a device by pressing a power on/off button, as wind in each chamber keeps without discharge from a cuff, user should stop a device with a timer knob.

### **14) How to change a fuse**

In case of fuse-short, use the spare fuse keeping in AC jack at the back side. Open the AC jack cover and use the spare fuse.



## 5. BEFORE THINKING OF SOMETHING WRONG

Operating condition	Checking points
No electric power	<ul style="list-style-type: none"> <li>-Plug correctly inserted into outlet?</li> <li>-Correct the voltage of product with your local voltage?</li> <li>-Fuse short?</li> </ul>
Power on but not-operating	<ul style="list-style-type: none"> <li>-Pull out power plug and reinsert it into outlet.</li> </ul>
Noisy during operating	<ul style="list-style-type: none"> <li>-Horizontally installed?</li> <li>-Any material on the device?</li> </ul>
No air in the hose	<ul style="list-style-type: none"> <li>-There any bending place?</li> <li>-Hose plug correctly inserted into the device?</li> </ul>
When the pressurization stays for only 10 seconds at any chamber and skips to the next chamber,	<p>It is evidence that the chamber is leaking. The chamber should be repaired but user can user can continue to use regardless of the trouble chamber until the cuff is repaired. (Pressure sensor perceives the leaking automatically and operation program makes keep for only 10 sec on the trouble chamber and skip to the next chamber.</p>

## Indications for home care

Lymph edema  
Chronic disease by the venous cause  
Fat dissolution  
Rheumatoid arthritis  
Improvement of intestines, dissolution Constipation  
Benumbed feet and hands  
Settlement of stress  
Disease by interruption in blood circulation  
Effect of exercise  
The old and the weak, fatigue, bore dome, insomnia  
Person who want to be elastic skin and a healthier body

## Medical Indications

Acute edema (post-operative, post-burn)	Post-mastectomy
Chronic edema by the venous cause	Post-traumatic (post-cast, fracture, amputation shoulder-hand syndrome)
Chronic venous insufficiency venous stasis	Prophylaxis of venous thrombosis
Cellulite	Rheumatic edema
Deep vein thrombosis (DVT)	Sciatica
From dependent, positioning	Spinal cord injury
Inguinal lymphangiectomy	Sprains
Lymph edema	Varicosis
Post-paralytic (post-stroke, spinal cord injury)	Venosclerosis



## **DISPOSAL**

The product must not be disposed of along with other domestic waste. The users must dispose of this equipment by bringing it to a specific recycling point for electric and electronic equipment. For further information on recycling points contact the local authorities, the local recycling center or the shop where the product was purchased. If the equipment is not disposed of correctly, fines or penalties may be applied in accordance with the national legislation and regulations.

## **GIMA WARRANTY CONDITIONS**

Congratulations for purchasing a GIMA product.

This product meets high qualitative standards both as regards the material and the production.

The warranty is valid for 12 months from the date of supply of GIMA.

During the period of validity of the warranty, GIMA will repair and/or replace free of charge all the defected parts due to production reasons. Labor costs and personnel travelling expenses and packaging not included.

All components subject to wear are not included in the warranty.

The repair or replacement performed during the warranty period shall not extend the warranty.

The warranty is void in the following cases: repairs performed by unauthorized personnel or with non-original spare parts, defects caused by negligence or incorrect use.

GIMA cannot be held responsible for malfunctioning on electronic devices or software due to outside agents such as: voltage changes, electro-magnetic fields, radio interferences, etc.

The warranty is void if the above regulations are not observed and if the serial code (if available) has been removed, cancelled or changed.

The defected products must be returned only to the dealer the product was purchased from.

Products sent to GIMA will be rejected.