

EN ISO 13485 : 2016
ISO 13485 : 2016



USER MANUAL

Lx9 max

Indications
for safety use

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

DS MAREF
DAESUNG MAREF CO.,LTD.



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Information

1-1. LX9max Introduction

Thanks for purchasing LX9max.

This product is an Intermittent Pneumatic Compression system to temporarily relieve minor muscle aches and pains and for temporary increase in circulation to the treated areas in people who are in good health.

The operating principle is that the air from the device will be delivered to the sleeve with 4 air chambers and the air pressurizes sequentially the chambers from 1st to 4th.

This user's manual contains the information how to use, keep and repair this product. Please, be well informed of this manual to use this product correctly and to prevent the malfunction for the best effect. Please keep this manual with this system always and please carefully read it before using the system properly.

1-2. Indication for use

A device intended to temporarily relieve minor muscle aches and pains and for temporary increase in circulation to the treated areas in people who are in good health.

1-3. Target treatment group of treatment

- muscle aches or pain

1-4. Contraindications

- Acute Neuropathy and Plexopathy
- Acute Pulmonary Edema
- Acute Soft-tissue Trauma
- Acute Thrombophlebitis
- Deep vein thrombosis (DVT)
- Uncompensated Cardiovascular Diseases
- Epilepsy
- Febrile Conditions
- Glaucoma
- Hepatic or Renal Insufficiency
- Infectious Diseases
- Ischemic vascular disease
- Known (or Suspected) Deep Vein Thrombosis
- Lymphangitis
- Occlusive Processes in Lymphatic Paths
- Osteosynthesis or Joint Replacement in Lymphatic Paths
- Pacemaker
- Pulmonary embolism (blood clot) or edema
- Obscure Pain in Abdominal Area
- Pathological Pregnancy
- Tumorous Diseases
- Thrombophlebitis
- Inflammation (e.g. cellulitis, erysipelas)
- Severe peripheral neuropathy
- Related issues and complications

1-5. Side effect

- Temporary Increase of Pain
- Petechiae
- Capillary Rupture - if pressure exceeds the recommended level
- Hematoma
- Vegetative Reaction - in patients with a sensitive vegetative system
- Lymphatic Congestion - in untreated areas
- Inflammation
- Rash
- Muscle cramp
- Limb erythema
- Temporary increased swelling

2

Caution for safety

2-1. Caution for electric safety



- When this product is not in use, disconnect the power cord.
- When thunder and lightning cause a sudden blackout, turn off this product and disconnect the power plug.
(There is a risk of product failure or electric shock.)
- Accurately connect the power cord so that it is rigidly plugged in.
(When the power cord is not stably connected, there is a risk of malfunction and fire.)
- Make sure to untie the power cord prior to use.
(There is a risk of heat generation and fire.)
- When you move this product, use the handle instead of pulling the power cord line.
(When the power cord is damaged, there is a risk of fire and electric shock.)
- When the cord is damaged or this product is dropped and damaged, do not operate this product.
- To avoid the risk of electric shock, use the power supply with protective grounding.
(There is a risk of fire and electric shock.)
- Do not use the device in high humidity places such as sauna, bathroom.
(This result in mechanical defect or physical damage caused by an electric shock or scald.)



- To avoid causing electric shock, use this product by connecting it with a main power supply unit with a protective ground.
(There is a risk of fire and electric shock.)
- Do not use a damaged power cord/plug or a loose socket.
(When the connection is unstable, there is a risk of fire and electric shock which may cause injury.)
- When you connect or disconnect the power cord to or from the socket, make sure to grab the plug instead of the line.



- Do not use wet hands or other wet body parts to touch this product, the power cord, plug and socket.
(There is a risk of electric shock which may cause injury.)
- Do not damage, bend, twist, or heat up the power cord.
(When the cord is damaged, there is a risk of fire and electric shock.)
- When you smell something abnormal while this product is in use, immediately stop using this product. In this case, immediately turn off the power switch, disconnect the power cord from the socket, and contact the manufacturer or the seller.



- Do not disassemble or remodel this product at your own discretion for repair. This product can only be disassembled and repaired by the approved personnel.
(When you disassemble and repair this product at your own discretion, there is a risk of malfunction and injury.)

2-2. Cautions prior to use



- Check whether or not this device is damaged and whether or not this device functions properly at least once per year.
(When this device is used without conducting maintenance, there is a risk of malfunction and injury.)
- Do not use this product for any purposes other than the intended use.
- When this product is not used for a long time, clean this product and check whether or not this product functions properly prior to use.
- Do not install this product in an environment exposed to heating devices and direct light.
(There is a risk of deformation and failure which may cause malfunction.)
- Prior to use, check the status of this product as well as the status of the accessories.
(When this product or the exterior of the accessories is/are damaged, contact the seller or the service center. When you intend to use the damaged product and accessories, there is a risk of electric shock or current leakage which may cause fire.)
(When this product or the accessories is/are damaged, there is a risk of malfunction, failure and fire which may cause injury.)
- Do not install this product on a desk or a table to which vibration or impact is frequently applied.
(There is a risk of fall caused by vibration or impact which may cause failure and injury.)
- Make sure to install this product in a place where the power plug can be connected and disconnected without any interfering obstacles and where the power plug can be removed without any interfering obstacles.
- Use the product after installing device at flat and safe place.
(When it is placed on place with its base slanted or shaking, then there is danger of noise, falling, malfunction or trouble etc.)
- This appliance can be used by children and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.



- Do not cover the power cord with a carpet or other objects.
(As you walk, your feet may be caught in the power cord, making this product fall.)
(There is a risk of fall which may cause failure and injury.)



- Take caution to prevent flow of water or foreign matter into the device.
(When foreign matter enters the device then it may cause trouble or electric shock.)
- The accessories and parts to be used in product must be of those provided or approved by DAESUNG MAREF.
(When any accessories and parts not approved by DAESUNG MAREF are used, there is a risk of malfunction which may not guarantee user safety.)

2-3. Cautions during use



- Do not apply extreme impact by dropping this product.
- When moving this product, make sure to turn off this product prior to moving it.
(While this product is in operation, do not move this product.)
- Do not operate this product while the tubing is facing your eyes, nose and lips.
(The air released from the tubing may cause injury.)
- A beginner would be better to use the device with 20mmHg for 10 minutes at the first time, and then increase the pressure intensity gradually according to the physical condition.
- Use this product where the temperature is above 0°C and below 40°C.



- When drunken, don't use it until drunkenness is in completely worn off.
(When used after drinking, injury to body may occur due to wrong use of the device.)

2-4. Cautions after use



- When disconnecting the power cord from the device, disconnect the power cord from the socket prior to removing it from this product.
- Prior to cleaning this product, disconnect the power cord from the socket and then disconnect the power cord from this product.
(When you get caught in the power cord line as you move this product, there is a risk of fall injury, damage and electric shock.)
- Make sure that no liquid is inserted into the air socket on the this product.
(When any liquid is inserted, the influenced internal parts may cause malfunction, electric shock and fire.)
- Do not directly apply the liquid detergent to this product or use benzene, thinner, or alcohol to clean this product. Make sure to apply the liquid detergent to a cloth to be used for cleaning this product.
(There is a risk of discoloration, damage, electric shock and fire.)
- When this product is damaged, immediately submit a request for repair to the supplier or the customer center.
- Store this product and the accessories in a dry place free from water and moisture.
(Moisture and liquid ingredients may damage the parts and circuits of this product.)
- Do not store this product in a dirty place full of dust.
(Dust and foreign materials may result in failure, fire, or electric shock which may cause injury.)
- Do not store this product in an inclined place.
(When you drop this product, there is a risk of damage which may cause failure.)
- The adequate temperature range for storing this product is from -20°C to 60°C.
Make sure that the temperature is within that range while this product is stored.
- Store this product in a place that cannot be reached by children.



- Do not store this product in a place exposed to heating devices and direct light.
(There is a risk of failure, deformation and fire.)
- Do not play any objects on this product.
(When this product is operated or moved while any liquid container(vase, water bottle, cup, cosmetic product and chemical), volatile substance, chemical, or sharp object(scissor and knife) is placed on this product, there is a risk of fall which may cause fire and injury.)
- Cleaning and user maintenance shall not be made by children without supervision.

2-5. Sleeve use and storage related caution



- Be sure to check condition of sleeve regularly
- Do not keep the sleeve under the direct sunlight or in the place of high temperature.
- Store the sleeve in a clean place and do not store this product in an environment where the temperature is low during the winter seasons.
- When the sleeve is stored in an environment where the humidity is high, there is a risk of mold growth.
- Do not place the sleeve near heat sources (heater, cigarette) and sharp objects. (needle, scissors).
- When any foreign substance is attached to the sleeve, use a dry cloth or tissue to remove the foreign substance.
- Store the sleeve and tubing in a way that they are not excessively bent or pressed by heavy objects.
- Use the sleeves with wearing thin cloths.
(It can cause an allergy to a person with sensitive skin.)
- At the time when opening and closing zipper on sleeve, watch sticking of body hair or socks etc.
- When this sleeve is not used for a long time, clean this product and check whether or not this product functions properly prior to use.
- Store this sleeve in a place that cannot be reached by children.



- The sleeve is intended to be connected with the product manufactured by DAESUNG MAREF only. Do not connect the sleeve with other products manufactured by other companies.
- Prior to wearing the sleeve, remove all accessories from the part of your body where the sleeve will be worn.
(When accessories are worn, there is a risk that the sleeve may be damaged or that the part of your body where the sleeve is worn may be injured.)
(Leg : belongings within trouser pockets, ankle bracelet, etc.)
(Waist : waist belt, belongings within trouser pockets, key chain, mobile phone, etc.)
(Arm : watch, bracelet, ring, etc.)
- Do not blow air into the sleeve when you do not wear the sleeve.
(This may cause damages to the sleeve.)
- Do not use a safety pin on the sleeve to fix the tubing.
(The sleeve may be torn by the sharp part of a safety pin.)

2-6. How to clean

2-6-1. How to clean the device

- If any foreign materials get on the device, first turn off the device and use a soft cloth to wipe the device with a bit of water or a neutral detergent.
(It may cause discoloration, damage or malfunction.)
 - If you sanitize product, first turn off the device and wipe off with soft cotton using neutral detergent.
(It may cause discoloration, damage or malfunction.)
 - Be careful not to let liquid in the air socket in front of the product or the ac inlet at the back. Liquid inflow may affect the inner parts and cause malfunction, electric shock or fire.
 - Do not wipe the device with benzene, thinner, alcohol, etc or spray water directly on the device.
(It may cause discoloration, damage, electric shock or fire.)
- * Use neutral detergent or the alkalescence for cleaning.
Dilute in water if it is Alkali undiluted state.
Be careful the detergent not to enter into the skin or eyes.

2-6-2. How to clean the tubing

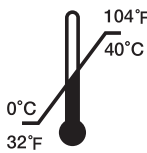

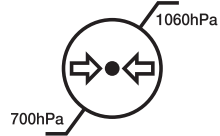
- If any foreign material gets on the tubing, use a soft cloth to wipe the tubing with a bit of water or a neutral detergent.
- Be careful of any liquid doesn't go into the tubing.
(It may cause the durability of the tubing if water is inside of the tubing, it could also break and cause a fire if and when water goes into the device from the tubing.)
- Do not spray water directly on the tubing or put the tubing into the water.
- Do not wipe the device with benzene, thinner, alcohol, etc.

2-6-3. How to clean the sleeve

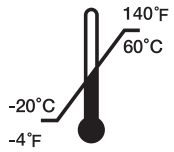
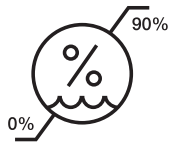
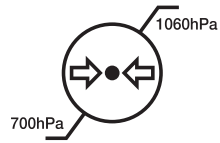
- If any foreign material on the sleeve, use dried cloth or tissue to wipe the sleeve.
- Use little bit of neutral detergent or water on a soft cloth and completely dry the sleeve.
(It may cause decline the durability or modify when the sleeve is wet.)

2-7. Operating / Storage condition

2-7-1. Operating conditions

Temperature (°C/°F)	Relative humidity (%)	Atmospheric Pressure (hPa)
		

2-7-2. Storage conditions

Temperature (°C/°F)	Relative humidity (%)	Atmospheric Pressure (hPa)
		

2-8. WEEE



This symbol indicating separate collection for EEE is based on DIRECTIVE 2012/19/EU.

The purpose of this Directive is to contribute to sustainable production and consumption by, as a first priority, the prevention of WEEE and, in addition, by the re-use, recycling and other forms of recovery of such wastes so as to reduce the disposal of waste and to contribute to the efficient use of resources and the retrieval of valuable secondary raw materials.

This Directive cover all EEE used by consumers and EEE interded for professional use.

Consumers have to actively contribute to the success of such collection and should be encouraged to return WEEE.

The Producer have to provide the information of re-usable, recyclable and recoverable rate. 75% shall be recovered, and 55% shall be prepared for re-use and recycled within category 5 (Small equipment) in DIRECTIVE 2012/19/EU ANNEX III.

LX9max is a recoverability rate of 79.30% and a recyclability rate of 73.51%.

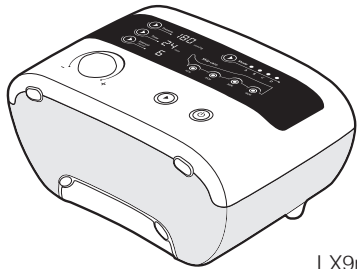
Information for treatment facilities shall be made available to centres which prepare for re-use and treatment and recycling facilities by producers of EEE.

DAESUNG MAREF, whenever, is prepared to provide.

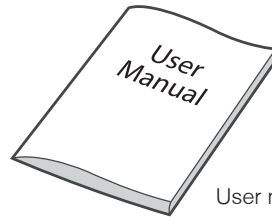
3

Product package

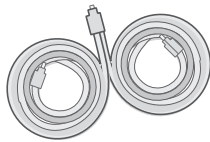
3-1. Basic set



LX9max
(Device)



User manual

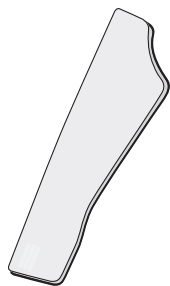


Double tubing

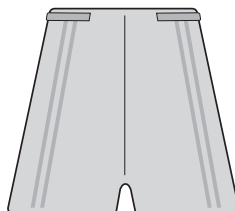


Leg sleeve
(1 Pair)

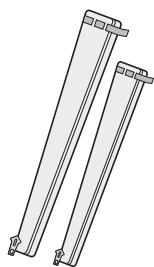
3-2. Accessories



Arm sleeve



Center body sleeve



Extension zipper
(Leg, Arm)



Single tubing

※ Sleeve and tubing are articles of consumption.

* Accessories Information

	Names	Size	Ref.No.
GENERAL SLEEVE	LEG SLEEVE	L	4LAGL5A
		XL	4LAGX40
		XXL	4LAGY00
	ARM SLEEVE	F	4AAGF3A
	CENTER BODY SLEEVE	F	4SAGF5A
EXTENSION ZIPPER	LEG EXT. ZIPPER	L	4ELGL02
		XL	4ELGX01
		XXL	4ELGY00
	ARM EXT. ZIPPER	F	4EAGF02
	CENTER BODY EXT. ZIPPER	F	4ECGF01
OTHER	SINGLE TUBING	-	1000370
	DOUBLE TUBING	-	1000380
	DISTRIBUTION TUBING	-	100050A

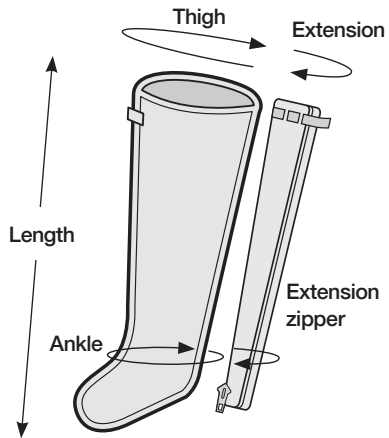
※ Extension zipper (accessory for separate sale)

- When a sleeve is small to use, it is recommended to use a proper extension zipper to each sleeve.
- Open a zipper of the sleeve to the end then connect extension zipper.
The width of sleeve is extended to around 10cm by connecting extension zipper.

3-3. Size of sleeve and zipper size

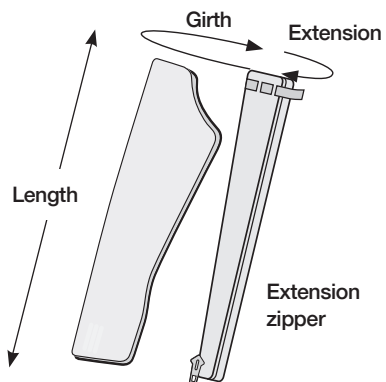
3-3-1. Size of General sleeve

Leg sleeve dimension



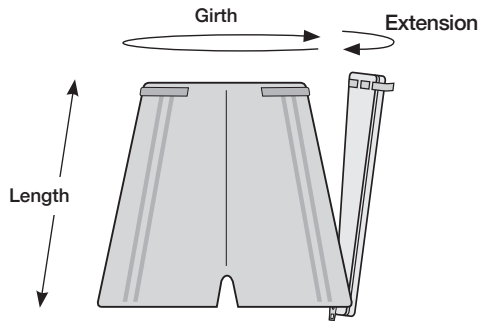
Size	Thigh (+extension)	Ankle (+extension)	Length
L	62cm (72cm)	41cm (48cm)	74cm
XL	75cm (85cm)	43cm (50cm)	79cm
XXL	76cm (86cm)	46cm (53cm)	94cm

Arm sleeve dimension



Size	Girth (+extension)	Length
Free	50cm (60cm)	88cm

Center body sleeve dimension



Size	Girth (+extension)	Length
Free	108cm (118cm)	74cm

4

Product description

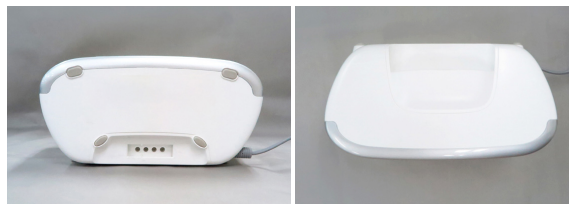
4-1. Device specifications

Items		Specification
Model		LX9max
Protection Type		Class II, BF-type Device
Rated Voltage		AC100-127V, 50/60Hz AC200-240V, 50/60Hz
Power Consumption		60VA
Setting Pressure		10-180mmHg \pm 20mmHg (Unit: 10mmHg)
Time range		5-90min (Unit: 5min)
Speed		1-6 level
Mode		A, B, C, D
Dimension		260(W) x 180(D) x 130(H)mm
Weight		2kg (Only body)
Certification	SAFETY	IEC60601-1
	EMC	IEC60601-1-2
Ingress protection rating		IP21

※ Use the rated power required in each country

Rated Voltage	Country
AC 100-127V, 50/60Hz	USA, Taiwan, Japan, Canada, etc.
AC 200-240V, 50/60Hz	UK, France, Germany, Russia, etc.

4-2. Device views



Bottom

Top

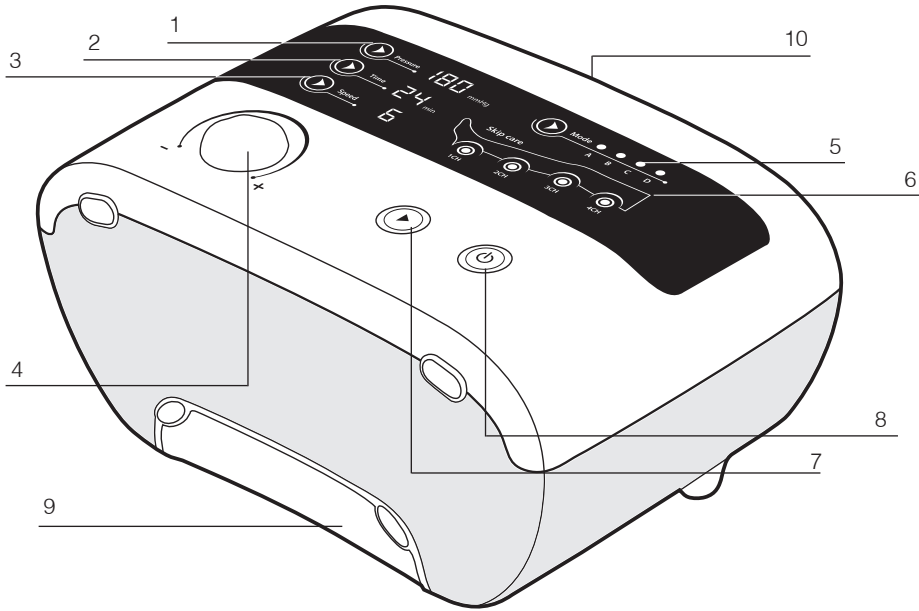


Left

Front

Right

4-3. Appearance and Names and Functions of Buttons.



No	Name	Function
1	Setting pressure / display	A window that displays the pressure setting.
2	Setting time / display	A window that displays the time setting.
3	Setting speed / display	A window that displays the pressure speed setting.
4	Control knob	Knob that control the operational pressure, time, speed of the device.
5	Setting mode / display	A button that sets the mode (A, B, C, D)
6	Skip care touch button / display	A button that sets or releases the to-be-cared parts.
7	Start / Stop button	Button that starts or stops the operation of the device.
8	Power button	Power button that turns on the device.
9	Air socket	Socket for the connection of air tubing.
10	Grip	Use the grip to move the device.

5

Product use and procedure

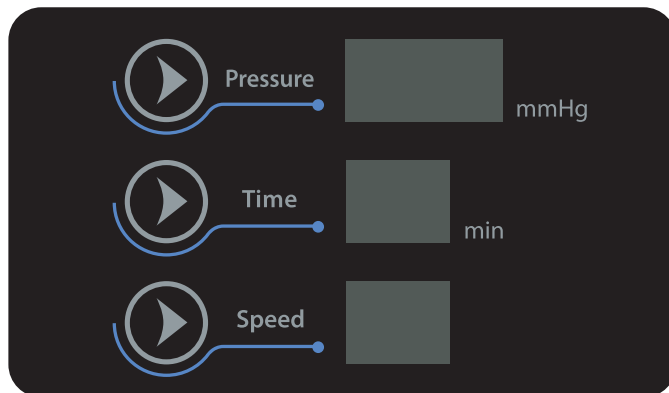
5-1. Before using a device

Please check the condition of the sleeve and device before use.
Please make yourself as a comfortable posture for best effects.



5-2. Setup and use


- 1) Place the device on a hard and flat table.
- 2) After checking that the power cord is not kinked or damaged, connect it to a power outlet.
- 3) Before wearing the sleeves, wear thin clothing.
- 4) Ensure the sleeve is the correct size and securely fitted to the user.
- 5) Connect the sleeve to the device with the connectable tubing(s).
- 6) Turn on the power button at the top of the device.
- 7) Set the operation time, mode, speed and pressure degree by pushing the button on the top of the device.
- 8) Start the operation.
- 9) If the timer does not end during use, please press the Start / Stop button again to deactivate the device.
- 10) After the air is completely deflated from the sleeve, disconnect the power cable and press the power button to completely shut off the power.

5-3. Pressure, time, speed intensity setting



- Pressure range set up : 10~180mmHg
- Time range set up : 5~90 minutes
- Speed range set up : 1~6 level

- Press  button of the function that you want to set, and use the control knob to change setting.
(When you press  button, it will flicker, which means you can change the setting.)



To decrease the pressure

Turn the pressure device to the left for decreasing the pressure intensity.

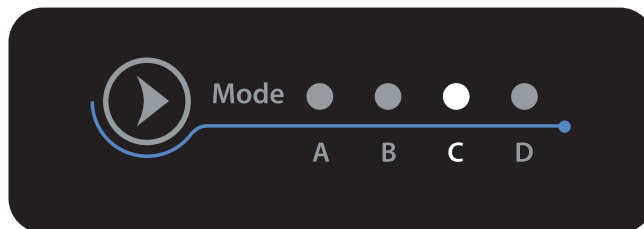
To increase the pressure


Turn the pressure device to the right for increasing the pressure intensity.

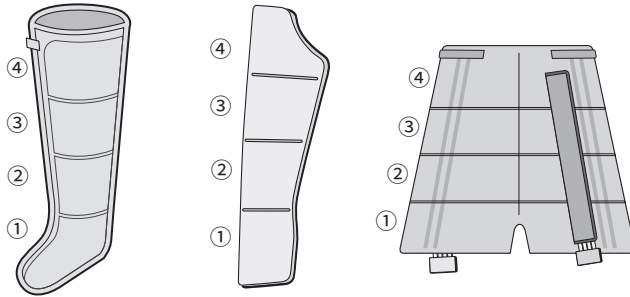
- The pressure sensor perceives the setting pressure automatically and pressurizes next chamber.
- Check up the air leaking if the pressure is weaker than the setting pressure.
- In case of air leakage from the sleeve or disconnection the tubing from the cap, the sensor pressurizes about 90 sec, and then progresses to next channel.

※ A beginner must start to use the device with the lowest pressure, and then control the pressure according to the body condition.

5-4. Mode setting

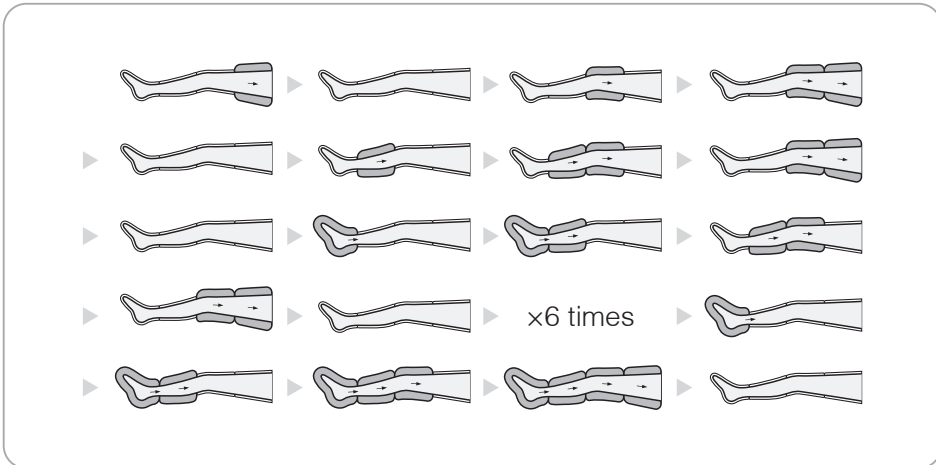


- The device has four operating modes.
- Choose the mode by pressing  button.
- The mode is changeable during the operation.



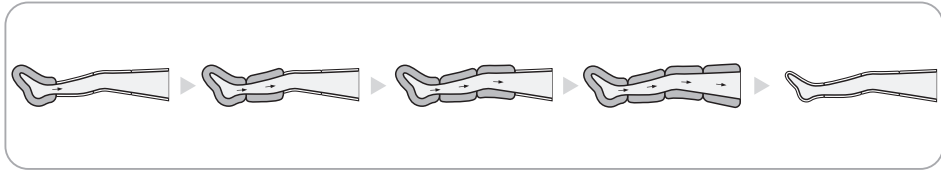
- All sleeves are composed of 4CH and operate the same according to each mode.

• **A mode**



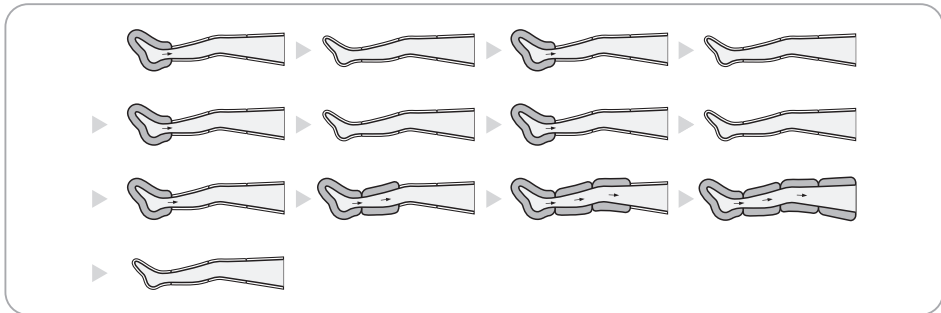
- In A mode, each chamber is inflated one by one from foot to thigh then deflate.

• **B mode**



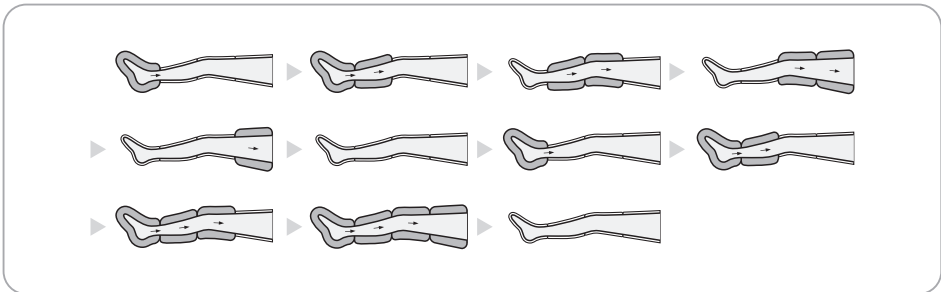
- In B mode , all chambers from foot to thigh are sequentially inflated and deflated simultaneously.

• **C mode**



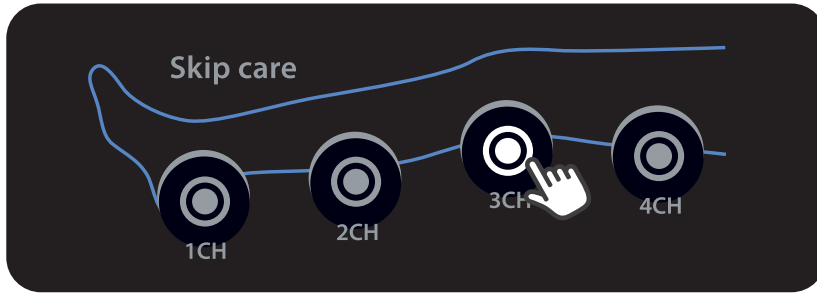
- In C mode, inflation is applied twice in forward direction from foot to thigh and then once in reverse direction.

• **D mode**



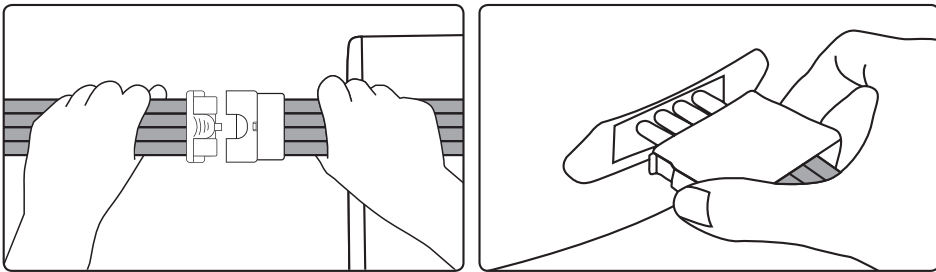
- In D mode, four chambers are simultaneously inflated and deflated.

5-5. Skip care mode setting



- Skip care mode can choose any chamber you want to have the massage.
- It is not only able to set up on each A~D mode, but also set up during the operating.

5-6. How to connect the tubing to the device



- Plug in the tubing to the air socket.
(Be careful with the direction of the plug.)
(Use single tubing when wearing one sleeve.)
(Use double tubing when wearing center body or two sleeves.)
- If the pressure starts from the 4th chamber or the air leaks, take out the tubing and plug in again.

6

Troubleshooting

6-1. General Troubleshooting

No	Problem	Cause	Solution
1	No electric power	Power connection error	Check that the plug is correctly inserted into the power outlet
2	Power on but not operating	Power supply error	Turn power to the device off and on
3	Noisy during operating	Setting condition	Check that the device is installed horizontally
			Check that there is nothing laying on top of the device or underneath
4	No air in the tubing	Tubing connection error or bent tubing	Check that the tubing is inserted correctly into the device
			Check that the tubing is not bent
5	Air is going through the tubing in the wrong order	Connection fault	Check that the plug is correctly inserted into the outlet

6-2. Other faults

No	Problem	Cause	Solution
1	Weak air comes out	Damaged tubing	Contact with store where you bought the device.
		Damaged air tubing socket	
		Broken internal components	
2	Doesn't work while power is on	Broken internal components	Contact with store where you bought the device.

* We can't be responsible for any defect occurred from user's careless use, even though warranty period.

* Please contact your dealer or the place where you purchased the product for repairs or repurchase.

* If you can't solve the problem by this way, please contact our service center.

* If you can't solve the problem by this way, please check the Service Manual (RND-R-MSM-103-01-02).

7













Information on EMC













Phenomenon	Basic EMC standard or test method	Operating mode	Port tested	Test Voltage	Test level/requirement
Mains terminal disturbance voltage	CISPR11:2015	Operating	AC Mains	AC 120V,60Hz AC 220V,60Hz AC 230V,50Hz	Group1, Class A
Radiated disturbance	CISPR11:2015	Operating	Enclosure	AC 120V,60Hz AC 220V,60Hz AC 230V,50Hz	Group1, Class A
Harmonic Current Emission	EN 61000-3-2:2014 IEC 61000-3-2:2014	Operating	AC Mains	AC 230 V~,50 Hz	Class A
Voltage change, Voltage fluctuations and Flicker Emission	EN 61000-3-3:2013 IEC 61000-3-3:2013	Operating	AC Mains	AC 230 V~,50 Hz	Pst: 1 Ptt: 0.65 Tmax:0.5 dmax: 4% dc: 3.3%
Electrostatic Discharge Immunity	EN 61000-4-2:2009 IEC 61000-4-2:2008	Operating Stand by	Enclosure	AC 120V,60Hz AC 220V,60Hz AC 230V,50Hz	± 8 kV/Contact ± 2, ± 4, ± 8, ± 15 kV/Air
Radiated RF Electromagnetic Field Immunity	EN 61000-4-3:2006+A2:2010 IEC 61000-4-3:2006+A2:2010	Operating Stand by	Enclosure	AC 120V,60Hz AC 220V,60Hz AC 230V,50Hz	3 V/m 80 MHz-2.7 GHz 80% AM at 1 kHz
Immunity to Proximity Fields from RF wireless Communications Equipment	EN 61000-4-3:2006+A2:2010 IEC 61000-4-3:2006+A2:2010	Operating Stand by	Enclosure	AC 120V,60Hz AC 220V,60Hz AC 230V,50Hz	Table 9 in IEC 60601-1-2: 2014
Electrical Fast Transient/Burst Immunity	EN 61000-4-4:2012 IEC 61000-4-4:2012	Operating Stand by	AC Mains	AC 120V,60Hz AC 220V,60Hz AC 230V,50Hz	± 2 kV, 100 kHz repetition frequency
Surge Immunity	EN 61000-4-5:2014 IEC 61000-4-5:2014	Operating Stand by	AC Mains	AC 120V,60Hz AC 220V,60Hz AC 230V,50Hz	Line to Line ± 0.5 kV, ± 1 kV Line to Ground ± 0.5 kV, ± 1 kV, ± 2 kV





Immunity to Conducted Disturbances Induced by RF fields	EN 61000-4-6:2014 IEC 61000-4-6:2013	Operating Stand by	AC Mains	AC 120V,60Hz AC 220V,60Hz AC 230V,50Hz	3 V 0.15-80 MHz 6 V in ISM bands Between 0.15 MHz and 80 MHz 80% AM at 1 kHz
Power Frequency Magnetic Field Immunity	EN 61000-4-8:2010 IEC 61000-4-8:2009	Operating Stand by	Enclosure	AC 120V,60Hz AC 220V,60Hz AC 230V,50Hz	30 A/m 50 Hz & 60 Hz
Voltage dips	EN 61000-4-11:2004 IEC 61000-4-11:2004	Operating Stand by	AC Mains	AC 100V,50HZ AC 100V,60HZ AC 127V,50HZ AC 127V,60HZ AC 220V,60HZ AC 230V,50HZ	0 % U_T : 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315° 0 % U_T : 1 cycle and 70 % U_T : 25/30 cycles Single phase: at 0°
Voltage interruptions	EN 61000-4-11:2004 IEC 61000-4-11:2004	Operating Stand by	AC Mains	AC 100V,50HZ AC 100V,60HZ AC 127V,50HZ AC 127V,60HZ AC 220V,60HZ AC 230V,50HZ	0 % U_T ; 250/300 cycle

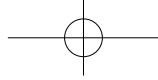
8

Symbols Information

Symbols	Explanation	Reference
	Manufacturer	ISO 15223-1 5.1.1
	Date of Manufacture	ISO 15223-1 5.1.3
	Serial Number	ISO 15223-1 5.1.7
	WEEE Label with marking bar	EN 50419
	Type BF applied part	IEC 60878 5333
	Increase Direction	Custom Symbol
	Decrease Direction	Custom Symbol
	ON / OFF	IEC60878 5009
	Run Graphical	Custom Symbol
	Symbol recommending the recycling of polluting components	ISO 60878 1135
	Caution	ISO 15223-1 5.4.4
	Keep away from sunlight	ISO 15223-1 5.3.2

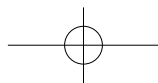
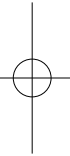
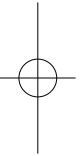
	This way up	ISO 7000 0623
	Do not hang on hooks in the box	ISO 7000 0622
	Fragile, handle with care	ISO 15223-1 5.3.1
	Keep dry	ISO 15223-1 5.3.4
	Consult instructions for use	ISO 15223-1 5.4.3
	Refer to instruction manual	ISO 7010 M002
	Stacking limit by Number	ISO 7000 2403
	Humidity limitation	ISO 15223-1 5.3.8
	Temperature limit	ISO 15223-1 5.3.7
	Atmospheric pressure limitation	ISO 15223-1 5.3.9
	General prohibition sign	ISO 7010 P001
	Do not take to pieces	Custom Symbol

	Digital System	Custom Symbol
	Low noise design	Custom Symbol
	Easy Operation	Custom Symbol
	Wide Pressure Range	Custom Symbol

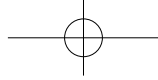


MEMO

A large, empty rectangular box intended for writing a memo.

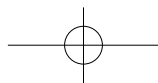
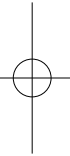


MEMO



MEMO

A large, empty rectangular box with a thin black border, occupying most of the page. It is intended for writing a memo.



Warranty

Much appreciated on using our device. We, DAESUNG MAREF are doing our best to improve the quality of our products.

※ We can not be responsible for any defect occurred from user's careless use or in case of followings, even though warranty period :

1. Disorder happened by strong impact.
2. In case user repair or reproduce internal part arbitrarily.
3. In case of using the device in prohibited place.
4. In case of against our <How To Use>
5. Sleeve is articles of consumption.

Intermittent Pneumatic Compression system

LX9max

Warranty

Device : 1 year

DS MAREF
DAESUNG MAREF CO.,LTD.



RND-R-MUM-103-01-02-07 (Rev.0) 2021-05

COMPANY HISTORY

○ 1990's

- 1986
 - Established DAESUNG Machinery Company
- 1994
 - Conversion to DAESUNG MAREF CO.,LTD.
- 1999
 - Registered DOCTOR LIFE
 - Registration of utility model for limb compression circulation therapy machine

○ 2000's

- 2004
 - The 34th precious Technique bronze awards
 - Vice president award
 - Selected World class products
- 2006
 - Innovation management awards
 - KGMP registration
 - KFDA awards by Prime minister
- 2007
 - Authentication of Merit certificate
- 2008
 - Received a citation from the Chungbu Regional Tax Service Director
- 2009
 - Gunpo-si Mayor's Citation
 - Awarded by the Minister of Health and Welfare

○ 2010's

- 2010
 - Awarded the Governor's Citation for Day of Commerce and Industry by Gyeonggi province
- 2011
 - President Award
 - Gold Listed at the Korea Precision Industry Technology Contest
- 2012
 - Selected an Global Small Giants Company
- 2013
 - A credit guarantee fund star company
 - Member of Trade Industry Forum
- 2014
 - Commissioned member of INNO-BIZ
 - Korean world-class product award in recognition of DVT prevention system
- 2015
 - The 8th medical devices day president award to industrial company
- 2017
 - Selected as a design innovation company
 - Grand prize of service satisfaction selected by consumers
- 2018
 - Official sponsor of Seoul E-Land FC
 - A citation from the Ministry of Employment and Labor



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