

## Sichuan Qianli-beoka Medical Technology Inc.

Address: Longtan Industrial Park 2nd Sec, east 3rd ring road,  
Chenghua district, Chengdu, Sichuan, China

Phone: 86-28-84215340 84215342

Fax: 86-28-84215341

Postcode: 610052



Scan the QR code  
to learn more

Hotline: 4000-8899-01 Website: [www.qlbeokaodm.com](http://www.qlbeokaodm.com)



Li-ion

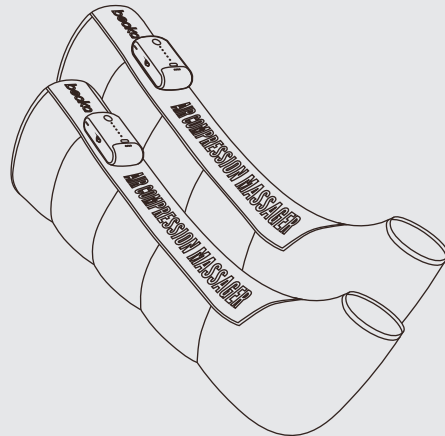


# beoka

## User Manual

### AIR COMPRESSION MASSAGER

ACM-A1



- Thank you for purchasing Beoka Air Compression Massager.
- Before using this product, please read the instructions carefully and keep it properly!
- Executive standard: Q/91510108629517429X. 21-2020
- The pictures in the manual is for reference only, the product is subject to the actual product

### FCC Warning:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.

Physiotherapy is the abbreviation of physiotherapy, which refers to the application of various physical factors to treat and prevent diseases. Physical factors are divided into two categories: the first category is the use of natural physical energy, such as sunlight, air, sea water, mineral springs, etc.; the second category is the use of artificial physical factors, such as electricity, light, sound, magnetism, heat and mechanical energy. Physical therapy has a long history. Acupuncture, massage, cupping and other therapies in ancient China have been used to this day. With the development of science and technology, physiotherapy, as a specialized discipline, has developed rapidly, especially in electrotherapy, light therapy, magnetic therapy and pressure therapy. It greatly enriches the content of physiotherapy, plays an important role in the treatment, prevention, rehabilitation, and health care, and has become an indispensable part of comprehensive physiotherapy.

Compression therapy is a therapy that applies pressure to the limbs to relax the muscles. Sichuan Qianli-Beoka Medical Technology Co., Ltd. is an enterprise dedicated to the scientific research, development, production and sales services of physical therapy medical electronic products. The company has passed ISO9001 and ISO13485 international quality system certification. Portable Compression Massager system belongs to compression therapy, which is to regularly inflate and expel air through the air bag on the limb to compress the soft tissue of the limb, improve and promote the blood circulation. The product is beautiful in appearance and reliable in quality, allowing users to relax under comfortable stress.

## Content

### Cautions.....01

Graphics, symbols, abbreviations..... 01

Safety Precautions ..... 02

About users ..... 02

About product operation and use ..... 03

About the usage environment ..... 04

About charging..... 04

### Overview.....05

Product Usage..... 05

Features ..... 05

Specifications..... 05 / 07

### Main Structure.....08

### How it works.....09

### Operation method.....10

Preparation before Use..... 10

Operation Steps..... 10

Storage method..... 11

## Content

### Applet.....12

Download the Applet ..... 12

Device connecting ..... 12

The equipment..... 13

Modes..... 13/14/15

### Equipment maintenance & Repair.....16

Maintenance ..... 16

Repair ..... 16

Suspected failure ..... 17

Notes on disposal ..... 18

Hazardous Substances and Content ..... 19

### Installation and Warranty.....20













Conditions for Use, Transportation and Storage ..... 20

Product warranty..... 21

Warranty card ..... 22

## Cautions

Read the manual carefully before use, and pay special attention to the warning points.

Figure, symbol, abbreviation			
	Direct current		Li-ion recyclable
	WEEE Recovery Identification		Do not roll
	WARNING! Refer to Documents		Please read the manual carefully.
	Fragile		Upwards
	Prevent of rain		Paper recycling
	Stacking layer limit		Can not be washed

## Safety Precautions

Before use, you must understand the operation steps and contraindications, and operate in strict operation steps!

## Cautions

### About users

1. The following conditions must be used under the guidance of professional medical staff who are familiar with the use of the instrument: severe pain or numbness in the limbs; patients who cannot provide sensory feedback on pressure;
2. Check the limbs before each massage. If there are ulcers or pressure sores that have not yet formed, they should be isolated and protected before massage;
3. If there is fresh bleeding wound, massage should be postponed;
4. Patients with built-in artificial materials (such as artificial joints, metal, silicon, etc.) in the massage area should use it under the guidance of a doctor;
5. For the elderly and those with poor blood vessel elasticity, the massage pressure can start from a low level, and gradually increase to the required massage pressure after several massages; do not choose high pressure at the beginning, start from low pressure, and then gradually increase the pressure, and lie down in a relaxed position as far as possible with the sleeve on;
6. During the massage process, attention should be paid to observe the color change of the affected limb, and timely ask the patient how they feel, and adjust the massage gear in time according to the situation; If symptoms and signs such as local subcutaneous hemorrhage or purpura, ecchymosis or hematoma occur, or discomfort such as pain, paralysis, chest tightness, difficulty breathing, dizziness, etc. occurs during the massage, the use should be suspended, and the doctor or agent should be contacted in time, and combined with the specific clinical situation, determine the cause of its occurrence, and the doctor decides whether to continue to use the instrument;
7. The patient that has haemorrhage tendency, should stop to use and comply with Doctor's advice.

### About product operation and use

1. Before using the massager, you must read the manual carefully. You should pay special attention to places with warnings;
2. Before massaging, check whether the instrument is running normally, and must check whether the equipment is in good condition (to ensure that there is no leakage, damage, etc.);

3. In case of emergency or physical discomfort, please press the stop button or pull the power button to the off position;
4. The boots should not be close to heat sources, such as stoves, cigarette butts, etc. (which may cause air leakage or fire), and do not use the boots with hard objects such as accessories and watches (may cause physical injury or damage to the boots). If the boots is damaged, please keep the boots away from sharp objects such as needles, scissors, etc. (may puncture the sleeve and cause the operation to fail); do not use other tools to inflate the boots (it will damage the sleeve or hurt the body) ;
5. Except for testing, do not charge the body without the boots (it will damage the sleeve and reduce the service life); the instrument should not be run under no-load, which will affect the use of the boots and the air pump life;
6. This product is strictly prohibited to put any liquid on the instrument case, and pay attention to fire and water resistance;
7. Do not put paper clips, staples, needles and other sharp metal objects or food into the device. Once it happens, please notify the product supplier immediately;
8. This product does not need to be installed or used in conjunction with other medical devices;
9. This product is a household massage product and cannot be used for commercial or medical purposes; please do not use it with medical electronic equipment to avoid injury;
10. When the product fails, please stop using it immediately, and contact the customer for after-sales consultation at the same time;
11. Prevent falling and touching so as not to damage the instrument;
12. Do not use in hospitals and other places where the use of wireless devices is prohibited, so as not to cause danger or misuse;
13. People with skin diseases and infectious diseases are not easy to share a set of equipment and related accessories with others;

### About the usage environment

1. Can not be used in high temperature, flammable, electromagnetic radiation, humidity, direct sunlight (especially when exposed to sunlight), dusty places, strong electromagnetic places, near smoke, and places that are prone to vibration and shock This product;
2. Do not use when bathing or sleeping;
3. Do not use this product near working microwaves and other high-frequency equipment (such as microwave ovens within 1 meter), which may cause electromagnetic interference and cause malfunction or injury. When electromagnetic interference occurs, please immediately Stop using it and move to a place where there is no disturbance;
4. Do not use with other electronic products for human body, otherwise it may cause physical discomfort.

### About charging

Before the first use, remove the battery case and charge it for about 1.5 hours to fully charge; Connect the output end of the TYPE-C cable to the DC charging port of the massager battery box, and then connect the input end of the TYPE-C cable to a mobile power supply or a mobile phone charger (5V  $\equiv$  2A, if using less than 2A for charging time will be longer); The charge indicator on the battery flashes regularly to indicate that it is charging; When all the charge indicators on the battery stop flashing and stay on, it means the battery is fully charged; The battery can be charged at any time and at any power level; The first indicator light is on, indicating that the battery remains 25%; When the battery power is exhausted to less than 10%, the first indicator light flashes and needs to be charged; It is not recommended to completely drain the battery to 10%; It is recommended to charge once every three months when not in use for a long time; The average running time of the device after loading is about one hour, depending on the gear and limb weight during use;

## Product Usage

This product is suitable for the human body peripheral blood and the tissue to exert the periodic change pressure, the improvement and the promotion blood circulation, relieves the muscle ache after exercise.

## Features

According to ergonomic design, beautiful and scientific, in line with the distribution of leg muscles;

Lightweight design, cordless design, detachable design of portable battery box, say goodbye to cumbersome charging;

The overall air bag is designed with a one-size-fits-all five-chamber full-wrapped laminated air bag, providing a 360° deathless massage experience;

Adopt 5 gear indicator lights and 3-color mode indicator lights, one-button operation, easy to operate;

Adopt 3D pre-charged fitting technology, which is suitable for a wider range of people; 3 massage modes and 5 pressure adjustments, which can be selected according to different needs;

Built-in rechargeable battery, safe and convenient, lithium battery safety management system, with input over-voltage protection, over-charge protection, over-discharge, over-temperature, short-circuit protection and other protection methods, for the battery in various harsh environments and The use of extreme operating conditions provides a very strong safety guarantee;

## Specifications

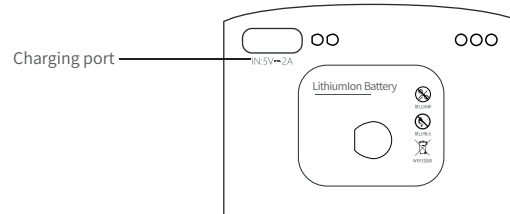
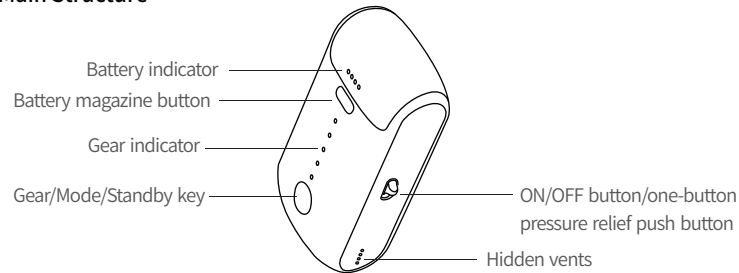
- Product Name: Air Compression Massager
- Model number: ACM-A1
- Structural composition: a host, an integrated air bag, a battery box, a control system, a display system, an air pump and a pneumatic device;
- The airbag is divided into: L (large), M (medium) and S (small) ;
- Pressure range: adjustable between 80mmHg-120mmHg;
- Rated power: 25W
- Instrument: Rated Voltage: 7.4V ==
- Battery capacity: 800mAh
- Operation mode: periodic compression in three modes: fatigue relief, exercise recovery, and deep care
- Product size: L925xW365xH55mm
- Executive standard: Q/91510108629517429X-1-2022
- Timing: The default is 20 minutes intelligent timing, which can be adjusted through the WeChat Mini Program;
- Pressure level: five adjustable pressure levels;
- The device has a power switch;
- Three massage modes can be selected according to demand;
- Fatigue relief:** In one cycle, the pressure is from the distal end to the proximal end, starting from the first chamber, and successively superimposed to 5 chambers each time, to promote blood circulation of the lower extremities and relieve muscle fatigue; suitable for long-term standing or walking, legs People with muscle soreness;

## Overview

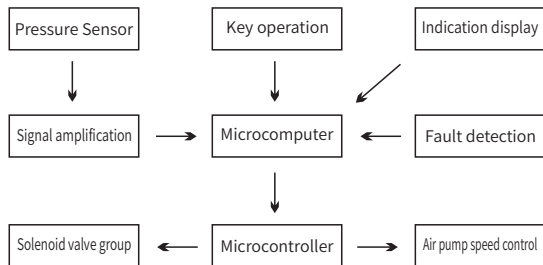
- Exercise recovery:** in one cycle, the pressure goes from the distal end to the proximal end, starting from the first chamber, inflates/deflates (muscle-like contraction/relaxation) in turn and moves backward in every two chambers, cyclically squeezes, promotes Blood circulation, optimize metabolism; suitable for warm-up before exercise and deep relief of muscle soreness after exercise;
- Deep care:** the pressure is from the distal end to the proximal end, the first step starts from the first chamber, inflates in turn and moves backward every two chambers, and the second step starts from the first and second chambers, and every two chambers continuously superimposed to 5 cavities; two steps are alternately performed, cyclic extrusion, stretch leg muscles, deep care; suitable for daily deep care of people who are sedentary in the office and lack of exercise and soft tissue rigidity;

## Main Structure

### Main Structure



## How it works



**Working principle:** The microcomputer of the portable air compression massage system receives the information input by the user, the embedded software makes corresponding analysis operations according to the parameters selected by the user, starts each load through the drive circuit, and controls the air pump flow according to the parameters set by the user; then the pressure sensor collects The pressure signal is amplified, and the airbag pressure is controlled by the microcomputer after AD conversion.

## Preparation before Use

Before use, please take out the product and wear it on the corresponding legs symmetrically, then turn on the power of the main unit and adjust the appropriate massage gear and mode; it is recommended that the user maintain a comfortable and relaxed state, sit or lie down, and at the same time The limbs are slightly elevated during massage, which is more conducive to the lymphatic and blood circulation of the limbs.

## Operation Steps

1. Push the ON/OFF button to the ON position to turn on the power of the host and the battery indicator light will be on;
2. Short press the gear/mode/standby button, the device enters the fatigue relief mode and starts to run in gear 1;
3. In the running state, every time you press the "Gear/Mode/Standby button", the gear will switch between 1-5 gears; when the equipment is running in 1-5 gears, long press the "Gear/Mode/Standby button" 1.5 seconds, when the gear returns to 0, the output stops and the output is in a standby state;
4. When the equipment is running in gears 1-5, quickly press the "gear/mode/standby button" twice within 1 second to switch the mode and change the mode indicator light;
5. The default time of the host is 20 minutes, when the host runs for 20 minutes, it will automatically stand by;
6. In any case, push the ON/OFF button to the OFF position to turn off the power of the host, and please turn off the power after use;



**During use, the user should remain in a relaxed state. If there is any discomfort during the treatment, they should stop using it immediately.**

**Note:** The color of the indicator light corresponding to each mode  
 Blue: fatigue relief    Green: exercise recovery    Yellow: Deep Care



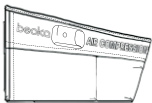
## Storage method

After using the product, please fold it as follows

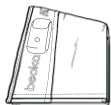
Step 1:  
Fold and tile after  
decompression



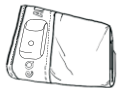
Step 2:  
Fold in half



Step 3:  
Fold the foot in half again



Step 4:  
After folding the head  
and tail completely



Step 5:  
Open the clutch bag and  
put the leg cover in



Step 6:  
Finally, tie the storage  
bag and place it



## Applets

How to use the Mini Program of the portable air compression massage system

Method 1: Open WeChat and scan the Mini Program code below



Method 2: Search "便携式气压按摩系统" on WeChat

## Device connecting

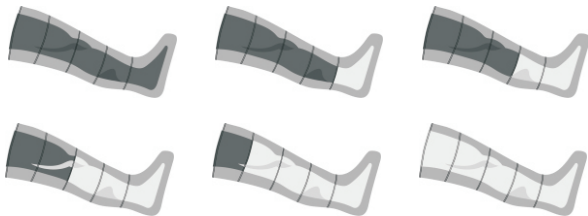
1. Turn on the Bluetooth of your mobile phone.
2. Open the location information permission of WeChat (in phone settings --> permission management) and keep the device turned on.
3. After logging in to the Mini Program for the first time, it will automatically jump to the registration device page, the page will search for your device and display it on the interface.
4. Click Connect, after the connection is successful, click OK to start using.
5. To add new devices later, you can add new devices in "My --> My Devices --> [+]"

## The equipment

1. You can choose the massage mode, gear and duration according to your own needs, and add your own preferences.
2. "My --> User Guide" in the Mini Program provides you with mode descriptions, safety precautions, maintenance, usage records and other instructions, which you can read by yourself to help you better use and maintain the device.

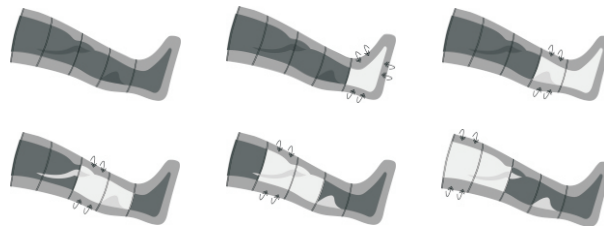
## Modes

### Fatigue relief:



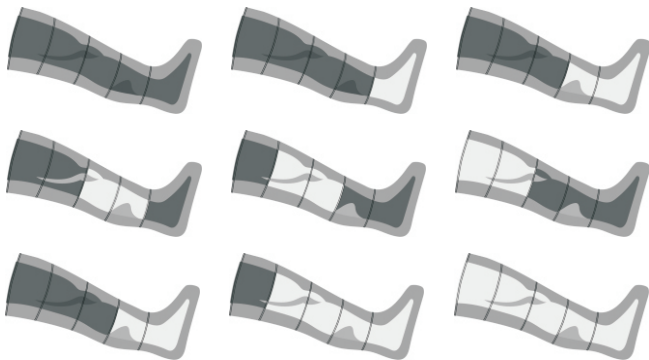
Fatigue relief: In one cycle, the pressure is from the distal end to the proximal end, starting from the first chamber, and successively superimposed to 5 chambers each time, to promote blood circulation of the lower extremities and relieve muscle fatigue; suitable for long-term standing or walking, legs People with muscle soreness;

### Workout recovery:



Exercise recovery: in one cycle, the pressure goes from the distal end to the proximal end, starting from the first chamber, inflates/deflates (muscle-like contraction/relaxation) in turn and moves backward in every two chambers, cyclically squeezes, promotes Blood circulation, optimize metabolism; suitable for warm-up before exercise and deep relief of muscle soreness after exercise;

## Deep care:



Deep care: the pressure is from the distal end to the proximal end, the first step starts from the first chamber, inflates in turn and moves backward every two chambers, and the second step starts from the first and second chambers, and every two chambers continuously superimposed to 5 cavities; two steps are alternately performed, cyclic extrusion, stretch leg muscles, deep care; suitable for daily deep care of people who are sedentary in the office and lack of exercise and soft tissue rigidity;

## Maintenance

- Water is strictly prohibited in the main unit to avoid the reduction of insulation performance;
- The instrument should be placed in a cool and dry place to prevent dust, moisture and sunlight when not in use;
- When the instrument is not used for a long time, it should be powered on for more than 5 minutes to warm up and remove moisture;
- The main unit should be cleaned with cleaning cream once a quarter, gently wipe the surface of the instrument with a smooth and soft damp cloth, and do not put any liquid wine on the surface of the instrument.
- Users should check the accessories regularly, especially if the air bag is damaged.
- Cleaning of the airbag: The material of the airbag is TPU. When cleaning, it should be gently scrubbed with a warm water damp cloth and a mild detergent (the temperature should not exceed 40°C), and do not let any liquid flow into the pores;
- The airbag cannot be machine washed, oil, benzene, alcohol, gasoline, chemicals, etc. cannot be used to clean the airbag, and chemical solvents that are not allowed to be used on the clothing cannot be used.

## Repair

Non-professionals or those without maintenance experience are not allowed to disassemble the machine at will. If the user needs to repair by himself, please contact the company. If the company proves that the user is qualified for repair, the company will provide the product circuit diagram, component list, diagram notes, calibration rules, or other helpful repairs for free. necessary information.



## Suspected failure

Situation	Reason	Approach
Can't turn on	Battery drained	Please charge until fully charged
Can't charge	Charging cable bad connection	Check whether the host and the charging cable are inserted in place
	Damaged charging cable	Check if the charging cable is damaged
Automatic shut down during use	Battery drained	Please charge until fully charged

For other faults, please call the after-sales service phone and take the above measures. If the product still cannot be used normally, the product may be faulty. For product failure and maintenance, please call the customer service hotline for consultation.

## Notice when products are discarded

Please support the recycling of rechargeable batteries (lithium-ion batteries).

 <b>Danger</b>	<p>The battery used in this product is a special rechargeable battery, which shall not be used in other products, please do not take out Rechargeable battery for charging.</p> <p>The above conditions can cause heating, fire, rupture and other phenomena.</p> <ul style="list-style-type: none"> <li>• Do not throw it into the fire to overheat it;</li> <li>• Do not pierce with nails, impact with gravity or conduct decomposition and transformation;</li> <li>• Do not connect the positive and negative electrodes of the battery directly with metal;</li> <li>• Please do not store it with necklace, hairpin, etc.</li> <li>• Please do not charge, use or place in high temperature places such as near the fire or in the hot sun.</li> </ul> <p>The above conditions can cause heating, fire, rupture and other phenomena.</p>
 <b>Danger</b>	<p>Please keep the removed rechargeable battery out of the reach of infants.</p> <ul style="list-style-type: none"> <li>• If swallowed by mistake, please see a doctor immediately.</li> <li>• When the battery liquid leaks, do not touch the liquid with your bare hands, and handle it as follows:</li> <li>• When the battery liquid enters into the eyes, there is a risk of blindness. Do not rub the eyes directly with your hands. Wash them with clear water immediately and seek medical advice. When the battery liquid touches the body or clothes, it may cause skin inflammation or injury. Please wash it with clear water. If there is still discomfort, seek medical advice immediately.</li> <li>• Only when the product is discarded, it can be disassembled. If it is not observed, it may cause fire, electric shock, injury and other accidents. If it needs to be repaired (except for battery replacement), please consult the original seller.</li> </ul>

The lithium ion battery used in this product is a valuable resource that can be recycled and regenerated. Please remove the lithium ion battery and dispose of it to a professional organization that can perform rechargeable battery recycling and recycling.

Hazardous Substances and Content

Parts	Harmful materials					
	(Pb)	(Hg)	(Cd)	(Cr(VI))	(PBB)	(PBDE)
Cover	○	○	○	○	○	○
PCB board	X	○	○	○	○	○
Cable	○	○	○	○	○	○
Accessories	○	○	○	○	○	○

\*This form is prepared according to the provisions of SJ/T 11346.  
\*\*"O" means that the content of this hazardous substance in all homogeneous materials of this part is below the limit requirement specified in GB/T 26572.  
\*\*\*"X" means that the content of the hazardous substance in at least one of the homogeneous materials of the part exceeds the limit requirement specified in GB/T 26572, and there is no mature alternative in the industry at present, which complies with the GB/T 26572 standard.



Environmental conditions for product installation:

- Ambient temperature: +5°C~+40°C
- Relative humidity: ≤90%
- Atmospheric pressure: 70kPa~106kPa

Transportation

- Ambient temperature:-20°C~+50°C;
- Relative humidity:≤90%;
- This product is suitable for automobiles, trains, ships, airplanes and other modes of transportation;
- During transportation, it should be fixed to prevent violent vibration, collision, roll and fall; and be upward, careful, light and rainproof;
- No more than 5 layers of massager stacked.

Storage

- Massage equipment should be stored in a well ventilated, non-corrosive gas warehouse, 250 mm off the ground;
- No more than 5 layers of massager stacked;
- When massage instrument is not used for a long time, it should be packed and stored after cleaning. It is better to take it out and recharge once a month to prevent dampness.

### Product warranty certificate

1. From the date of purchase, beoka products can enjoy a free one-year warranty for the body of massage instrument with the purchase invoice.
2. We will not provide free warranty service for faults caused by the following user's personal reasons. Such as:
  - A) failure caused by unauthorized disassembly and refitting of the product;
  - B) failure caused by careless falling during use and handling;
  - C) failure caused by lack of reasonable maintenance;
  - D) failure caused by failure to operate in accordance with the correct instructions in the operation manual;
  - E) faults caused by improper repair of repair shop not authorized by beoka.
3. Repair services beyond the scope of warranty will be charged according to regulations.
4. Please call the customer service hotline when you need to provide warranty service.
5. During the warranty service, if necessary, we can provide the product circuit diagram and repairable component information to the qualified technical personnel identified by us.
6. Ensure to continue to provide repair parts within 3 years after the production stop.
7. Please refer to the host or packing box for the production date.

### Warranty card

Product model: \_\_\_\_\_

Name: \_\_\_\_\_

Date of purchase: \_\_\_\_\_

Address: \_\_\_\_\_

Sales shop name: \_\_\_\_\_

Postal Code: \_\_\_\_\_

Address: \_\_\_\_\_

TEL: \_\_\_\_\_