easy@Home®

Mini Electronic Pulse Stimulator

Healthcare-Manager.com

Questions or Comments?
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Made in China

EHE029G

User Manual

Contents

Easy@Home EHE029G TENS Overview

Easy@Home EHE029G Electronic Pulse Stimulator is an effective and portable TENS and EMS combo unit with a rechargeable battery. EHE029G is a powerful edition to Easy@Home broad TENS and EMS product line. All Easy@Home TENS and EMS Units are FDA 510k OTC (over the counter) cleared for purchase and use at home without a prescription.

TENS (Transcutaneous Electrical Nerve Stimulation) Unit is an effective, drug-free, safe and easy to use device to relieve the pain and soreness from the comfort of your home or on-the-go.

EMS (Electrical Muscle Stimulation) Unit sends electronic pulses to muscles to help with muscle toning and firmness, endurance improvement, and to lessen recovery time between workouts.

EHE029G device is also FDA cleared to be used for improving local blood circulation in healthy muscles of lower extremities for those who travel, are sedentary for long periods of time, or need to enhance their blood circulation due to a health condition.

As one of leading personal healthcare brands in pain management, Easy@Home brings years of experience and understanding from the professional area to the personal healthcare sector. We are proud present to you the Easy@Home TENS and EMS product line.

What's in the Box

USB Charger

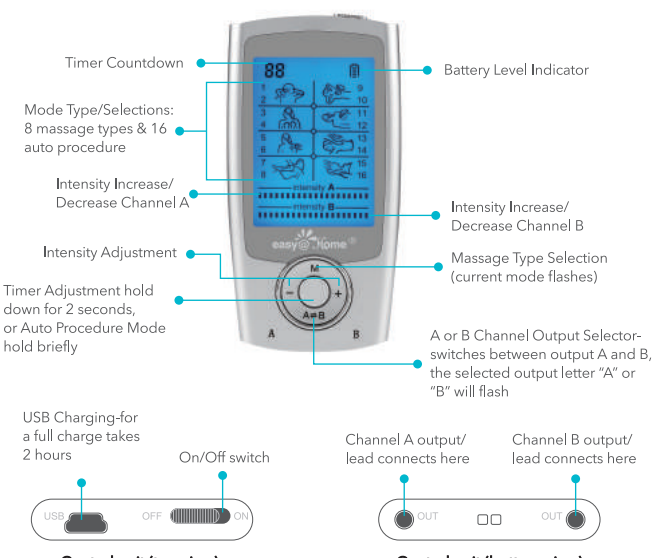
USB Cable

2 Lead Wires/
4 Elecrode pads

Device Components

The features and functions may be easily controlled by pressing the buttons on the device.

- The "+" and "-" buttons increase or decrease the intensity level for the channel selected.
- The middle button is used for timer change or switching auto procedure mode.
  - **i.** Press and hold the middle button for 2 seconds to adjust the timer: 10, 20, 30,40, 50, 60 minute options.
  - **ii.** Press and hold middle button briefly to switch the auto procedure mode under a given massage type.
- The M button selects one of the eight massage types.
- "A⇌B" button switches the channel between A or B to change the intensity for the correct channel.



Let's Get Started with EHE029G (Setup)

● Setup

Unpack the box by taking out the product and accessories, then connect/snap the electrodes pads to the leads, then connect the other end of the leads into the device at the bottom. Apply pads to the skin, turn on the device, and choose your mode of choice and comfortable intensity level. It's that easy!

The following steps are used to prepare the device for proper operation, and the details for each step are listed in the category sections below.

Step 1: Make sure the Electronic Pulse Stimulator is fully charged

Step 2: Snap the 2 electrode pads on each lead

Step 3: Connect the other end of the leads to the channel outlets on bottom of device

Step 4: Apply the electrode pads on the body area that requires treatment

● Battery charging-check the battery power for the electronic pulse stimulator

The Electronic Pulse Stimulator (TENS Unit) comes with a built-in rechargeable battery, make sure device is fully charged before using it. The device takes approximately 2 hours for a full charge.

The battery indicator on the display will show when the device needs to be charged. Turn off and charge the device with the enclosed USB cable. The white LED light will illuminate during charging and will appear solid green when the device is charged fully and ready for use.

● Electro-pad installment

Snap the enclosed electrode pads into the leads. Then connect the other ends of the leads into the device.

There will be two pads connected to each lead (channel A and channel B). There are 4 pads all together and two leads.(This should be done prior to applying the device onto the skin of the treatment areas.)

● Electrode pad placement on body areas

Peel the clear side off the electrode pads after you have snapped pads to the leads and connected the leads to the device.

Place the pads on the body area. Make sure the area you choose is both clean and dry.

Place the pads back on the plastic backing after use to keep them clean and keep their stickiness.

(PLEASE NOTE: Another way to elongate the life of your electrode pads and keep the stickiness is to not expose to air between uses or keep them from touching other surfaces such as; clothing, fingertips, carpet, etc.)

Features & Benefits

EHE029G is not only a TENS Unit (Transcutaneous Electrical Nerve Stimulation), but also EMS (Electrical Muscle Stimulation) also known as PMS (Powered Muscle Stimulation). This means the EHE029G unit is a combo unit that is FDA cleared for both pain relief and muscle stimulation. As a compact and portable device, EHE029G can be used at home or on-the-go or even on a plane or train.

It is small and powerful at the same time! In fact, you can choose from 8 massage types and 16 auto procedure modes. Program auto procedure modes 1-4 are TENS and EMS combo modes, 5-14 are EMS only modes, and 15-16 are TENS only modes.

Those suffering with chronic pain related to muscles or nerves, tension, or even many kinds of arthritis, will find this unit quite helpful. The device will stimulate nerves to block pain sensations and release natural pain-relieving endorphins.

EHE029G will also stimulate muscles for those looking to tone, firm, or enhance their muscles with its EMS modes available on the device. This wireless unit is extremely easy to travel with and use just about anywhere.

Finally, those with any blood circulation issues (such as those who travel a lot or are sedentary often) will find the EHE029G can increase the blood flow of the lower body parts such as the leg or foot. This provides much needed relief and better mobility by revitalizing body tissues and promoting blood flow recovery.

Instructions for Use

The following steps are a guide to use the device after setup, and the details for each step are listed in the table below.

Step 1: Slide "ON/OFF" switch to turn on the power

Step 2: Select one of the stimulation modes

Step 3: Choose the stimulation time

Step 4: Adjust the stimulation intensity for each channel

Enjoy your massage therapy!

● "ON/OFF" button to turn on the power

Slide the On/Off button to turn on the unit.

This button is found on the top of the device.

● Selecting stimulation modes

Press "M" to choose Massage Mode/Press Center Button briefly to choose Auto Procedure Mode

Press "M" button first to switch between 8 massage types (indicated flashing image of a person on display). Once you have chosen the massage type, choose one of the auto procedure modes with the center silver button. It will toggle back and forth between the two auto procedure modes under the massage mode type you chose.

TENS and EMS Combo Modes, Massage or Tapping (Auto Procedure Modes 1-4)

EMS Modes-Cupping, Thai Massage, Acupuncture, Scraping, Tuina (Auto Procedure Modes 5-14)

TENS Modes-Petrissage (Auto Procedure Modes 15-16)

*** (See reference mode chart page 7 for further information on EHE029G modes)**

● Choosing stimulation time

Adjust to the stimulation time easily. Press the center button down and hold it for 2 seconds. Do this again until you have chosen the time you prefer for your session.

You can choose from 10, 20, 30, 40, 50, 60 mins. The time will appear on the upper part of the display. 20 minutes is the default time.

● Adjust stimulation intensity

Press and release the "+" button to increase the stimulation intensity, and press and release the "-" button to decrease the intensity.

NOTE: With the increase of intensity, you may experience sensations like tingling, vibration, etc. Therefore, gradually increase the intensity, and stop increasing when a comfortable level is reached.

NOTE: Make sure you are increasing the correct channel you want. Press "A=B" button to switch between output A and B. **The flashing "A" symbol means you can increase/decrease the intensity of output A; the flashing "B" symbol means you can increase/decrease the intensity of output B.**

● Enjoy the stimulation massage therapy

Enjoy the stimulation provided by the device, after the above mode, time, and intensity are set to your preference. Slide the "ON/OFF" to turn off the power after session is complete.

Mode Reference Chart

MODE	TYPE	TENS RESPONSE	PULSE FREQUENCY
1	TENS/EMS	Massage	On for 5s and off for 1.6s
2	TENS/EMS	Massage	always on
3	TENS/EMS	Tapping	always on
4	TENS/EMS	Tapping	On for 1s and off for 0.35s

5	EMS	Cupping	On for 5s and off for 0.5s
6	EMS	Cupping	On for 2s
7	EMS	Thai Massage	On for 4s and off for 3s
8	EMS	Thai Massage	ON for 12s and off for 4s
9	EMS	Acupuncture	On for 6s and off for 2.5s
10	EMS	Acupuncture	On for 3s and off for 0.5s
11	EMS	Scraping	On for 3sand off for 0.5s; on for 3s and off for 0.5s
12	EMS	Scraping	On for 5s and off for 0.5s; on for 4sand off for 1s
13	EMS	Tuina	On for 13s and off for 4s
14	EMS	Tuina	On for 4s and off for 1.6s
15	TENS	Petrissage	On for 10s and off for 1.6s
16	TENS	Petrissage	always on

Position Placement for Best Use

You can place TENS Pads on many areas of body to relieve the muscle and nerve pain and to stimulate healthy muscles. Some areas are great for TENS Mode such as shoulders, back, waist, arms, legs, feet and hips. Muscle Stimulation can be applied to many muscle areas on the body such as abdomen, buttocks, arms and legs.

LOW BACK

Sitting for too long, having weak hip flexors, or exercising can aggravate pain in our hips and waist. To alleviate tension or pain, attach the electrode pads around your waist and lower back. Space the pads from 2 inches to 6 inches apart for the best results.

WAIST

TENS is perfect for relief from pain in the waist area. Whether weak hip flexors or a sore side muscle, the aching muscles can be alleviated. The TENS can soothe the nerves and help with hip pain from issues with tendons and muscles by providing gentle movement.

BUTTOCKS

The EMS mode can be used for strengthening and tightening muscle on buttock or hip areas. TENS mode can be used to alleviate tension or pain on the hip and buttock too. Attach the one pair of pads at the lower back and another pair on the hip area. Space the pads from at least 2 inches apart.

ABDOMEN

The EMS feature can help stimulate the gluteus muscles for better athletic performance. With the contraction of the muscles this device provides, the muscles in this area can be strengthened. This area is sensitive so it does not need much intensity to feel the effects.

ARMS

Use EMS mode to strengthen arm muscle like biceps by attaching one pair at the upper end of the muscle next to the shoulder and another pair on the lower end of the muscle. Gradually increase the intensity until you get a maximum muscle contraction, without being painful.

THIGHS/LEGS

Bicyclists know the incredible stress and strain that your thigh muscles can experience. Since these large muscles are so crucial to our mobility, it is important to take care of them and help them relax. With TENS mode, placing the electrode pads on the top and back side of your thighs is an uncomplicated way to relax and de-stress this area.

Use EMS mode to strengthen leg muscles like Hamstrings and Quadriceps by attaching one pair at the upper end of the muscle and another pair on the lower end of the muscle. Gradually increase the intensity until you get a maximum muscle contraction, without being painful.

Practices for Best Use

● Electrode pads

The electrode pads could be used until they lose the stickiness and/or conductivity. Their lifetime greatly depends on the body skin condition and protection.

Purchase new electrode pads as needed.

● Low intensity to start

With the increase of intensity, you may experience sensations like tingling, vibration, etc. Therefore, gradually increase the intensity, and stop increasing when a comfortable level is reached.

● Cleanliness

Keep the device clean by wiping with a moistened cloth from time to time. This prevents growth of germs and dirt and can extend the life of the pads.

● Storing device

When not in use, store the device and accessory in a cool place, out of direct sunlight.

● Desired results

Most find using the TENS once a day from 10-30 minutes a day provides the best benefits. You can choose your own intensity level and sensation mode based on your own comfort level.

● Areas to avoid

Do not use your TENS Unit on your head, neck, chest near heart, genitals.

Do not apply stimulation across chest, because the introduction of electrical current into the chest may cause rhythm disturbances to heart. For instance, DO NOT apply one set of TENS pads on one arm and the other set of TENS Pads on the other arm because the electrical current can go through your heart from one arm to another arm.

Frequently Asked Questions

- How does my TENS unit relieve pain or stimulate muscles? How does it work?

EHE029G relieves pain by blocking pain signals and stimulating natural painkillers known as endorphins. This unit can also stimulate muscles, which helps with muscle performance and blood circulation in the lower extremities.

- How may modes and intensity levels does the EHE029G have?

This unit has 8 massage types and 16 auto procedure modes, 4 which are TENS and EMS, 10 EMS only, and 2 for TENS only. The device has 20 intensity levels you can choose from, so you can get benefits at your own level of comfort.

- Is it safe for anybody to use my TENS anywhere on the body?

The EHE029G unit is an effective and drug-free device for pain relief and muscle stimulation when used properly. But, it is not suitable for some body areas or some people. Please read the Safety Warning (on page 14) before using this unit. If you have any medical condition and are unsure about using the device safely, consult your physician first.

- What is the difference between EMS and TENS? Does this unit provide both?

The EHE029G Unit is a TENS and EMS Combo Unit. EMS stands for Electrical Muscle Stimulation and TENS stands for Transcutaneous Electrical Nerve Stimulation. TENS modes on the device are specifically for pain and soreness. The EMS modes are for muscle stimulation and better blood circulation in the lower body for healthy muscles. Yes, this device provides both.

- What can I do to elongate the life of my electrode pad?

Cleanse the area of skin you will be placing the electrode pads with soap and water, or with a damp cloth. Make sure the area is dry before applying the electrodes. When storing the electrode pads, we recommend placing them back onto the plastic film the pads came attached to.

Electrodes that become wet from sweat or water, and do not stick anymore need

to be replaced.

You can also cleanse the pads with a damp cloth. If they are too dirty or your skin feels numb after the pads are cleaned, replace the pads.

- What type of conditions does TENS/EMS really benefit?

TENS is useful in relieving many kinds of pain and soreness. TENS is great for lower back pain, knee pain, sciatica, fibromyalgia. These are just some examples. EMS modes are great for improving muscle performance or increasing blood circulation in the lower extremities from a sedentary lifestyle if your muscles lack tone and firmness.

Cleaning and maintenance

Please use wipes to clean the device first, and then use the dry cloth to wipe it again. The electrodes coming with the device are disposable and should be replaced when their adhesiveness becomes no longer. Contact the seller for replacements.

Troubleshooting

PROBLEM	POSSIBLE CAUSE	SOLUTION
The intensity is not felt with a very weak intensity level	Pads are not attached to the body firmly	Attach both pads firmly to the skin
	The transparent films are still stuck to the pads	Peel off film on the adhesive surface of pads
	The pads stack together or overlap	Do not stack pads together or overlap pads
	The intensity setting is getting weak	Increase the intensity level
	The battery capacity is low	Recharge the battery
The skin turns red or the skin feels irritated	The adhesive surface of the pads is dirty or dry	Wash adhesive surface of pads gently with your fingertips for about 3 seconds under slow running water
	The therapy time is too long or the intensity is set too high	Reduce the application time or reduce the intensity
	The electrode pads surface if worn out	Replace electrode pads
No power source	The battery capacity is depleted	Recharge the battery
Power cuts off during use	The battery is weak	Recharge the battery
It is difficult to attach the pad to the skin	Have you removed the transparent film from the pad?	Peel off film on the adhesive surface of pad
	Were the pads applied immediately after washing?	Dry the pads
	Is the adhesive surface of the pads damaged?	Replace the pads
Adhesive surface of pads is not sticky	Pads get deteriorative	Contact the vendor for replacements

	Were the pads stored under high temperature, high humidity, or sunshine	Replace the pads
If your device is not operating properly, please check for common problems and suggested solutions. If the recommended action does not solve the problem, please contact the seller.		

Warranty Information EHE029G

We are so confident that you will love this product that we offer a 1 year Hassle Free Money back or PRODUCT REPLACEMENT Guarantee.

Safety Warning

● Contraindications

Do not use this device on patients who have a cardiac pacemaker, implanted defibrillator, or other implanted metallic or electronic device, because this may cause electric shock, burns, electrical interference, or death.

Do not use this device if your pain syndromes are undiagnosed.

● Warnings

Do not apply stimulation over your neck because this could cause severe muscle spasms resulting in closure of the airway, difficulty in breathing, or adverse effects on heart rhythm or blood pressure.

Do not apply stimulation across your chest, because the introduction of electrical current into the chest may cause rhythm disturbances to your heart, which could be lethal. For instance, DO NOT apply one set of TENS pads on one arm and the other set of TENS Pads on the other arm because the electrical current may go through your heart from one arm to another arm.

Do not apply stimulation on your head, chest near your heart and genitals areas.

Do not apply stimulation over or in proximity to cancerous lesions.

Do not apply stimulation when the patient is in the bath or shower.

If you have one of the following conditions, please consult with your physician before purchasing or using this device:

Acute disease, malignant tumor, infective disease, pregnant, heart disease, high fever, abnormal blood pressure, lack of skin sensation or an abnormal skin condition, any condition requiring the active supervision of a physician.

● Precautions

Do not use this device while driving.

Do not use this device while sleeping.

Do not use this device in high humidity areas such as a bathroom.

Keep the device away from wet, high temperature and direct-sunlight place.

Keep this device out of reach of children.

Stop using this device at once if you feel pain, discomfort, dizziness or nausea and consult your physician.

Do not attempt to move the electrode pads while the device is operating.

Do not use the device around the heart, on the head, mouth, genitals, or blemished skin areas.

Do not apply stimulation of this device in the following conditions:

(1) across the chest because the introduction of electrical current into the chest may cause rhythm disturbances to the heart, which could be lethal;

(2) over painful areas. Please consult with your physician before using this device if you have painful areas;

(3) over open wounds or rashes, or over swollen, red, infected, or inflamed areas or skin eruptions (e.g., phlebitis, thrombophlebitis, varicose veins). Apply stimulation only to normal, intact, clean, healthy skin;

(4) in the presence of electronic monitoring equipment (e.g., cardiac monitors, ECG alarms). The electronic stimulator may not operate properly when the electrical stimulation device is in use;

(5) while operating machinery, or during any activity in which electrical stimulation can put you at risk of injury;

(6) on children.

Be aware of the following:

(1) to consult with your physician before using this device. The simulation with the device may:

i. cause lethal rhythm disturbances to the heart in susceptible individuals;

ii. disrupt the healing process after a recent surgical procedure;

(2) that the device is not effective for pain in your head area, including headache;

(3) that the device is not a substitute for pain medications and other pain management therapies;

(4) that the device has no curative value;

(5) that the device is a symptomatic treatment and, as such, suppresses the sensation of pain that would otherwise serve as a protective mechanism;

(6) that the long-term effects of electrical stimulation are unknown;

(7) that the user may experience skin irritation, burns or hypersensitivity due to the electrical stimulation or electrical conductive medium (gel);

(8) if the user has suspected or diagnosed epilepsy, the user should follow precautions recommended by his or her physician;

(9) to use caution if the user has a tendency to bleed internally, such as following an injury or fracture;

(10) use caution if stimulation is applied over the menstruating uterus;

(11) use caution if stimulation is applied over areas of skin that lack normal sensation;

(12) stop using the device if the device does not provide pain relief;

(13) use this device only with the leads, electrodes, and accessories that the manufacturer recommends;

(14) Do not share the use of the electrode pads with others;

(15) Do not use the device while it's charging;

(16) The device contains a lithium battery. If overheating of the device occurred during charging, stop charging or operation immediately and report to the seller;

(17) Dispose of the battery-containing device according to the local, state, or federal laws.

The long-term effects of electrical stimulation are unknown.

Since the effects of stimulation of the brain are unknown, stimulation should not be applied across the head, and electrodes should not be placed on opposite sides of the head.

The safety of electrical stimulation during pregnancy has not been established.

Some patients may experience skin irritation or hypersensitivity due to the electrical stimulation or electrical conductive medium (gel).

Patients with suspected or diagnosed heart disease should follow precautions recommended by their physicians.

Patients with suspected or diagnosed epilepsy should follow precautions recommended by their physicians.

Use caution if stimulation is applied over the menstruating or pregnant uterus.

● Adverse reactions

You may experience skin irritation and burns beneath the stimulation electrodes applied to the skin;

You may experience headache and other painful sensations during or following the application of electrical stimulation near the eyes and to the head and face.

You should stop using the device and should consult with your physician if you experience adverse reactions from the device.

● Environmental condition for normal working, transport and storage

- Normal working ambient temperature: 5~40°C

- Normal working ambient humidity: 15%~90% RH

- Store and transport ambient temperature: -25 ~70°C

- Store and transport ambient humidity: 0%~90% RH

- Atmospheric pressure: 70~106kPa

Symbols Interpretation

	Fragile, handle with care		Type BF applied part
	Keep the product in a dry place. Away from water and rain.		CAUTION, Avoid injury. Read and understand owner's manual before operationg this product.
	Product package should be recycled		Unrecyclable
	Date of manufacture	LOT	Batch code
SN	Serial number	IP22	IP code of the device

Safety test standards:

• Medical Devices Directive 93/42/EEC

• IEC60601-1:2005+A1:2012/EN 60601-1:2006Medical electrical equipment - Part 1: General requirements for basic safety and essential performance

• IEC 60601-1-2:2007/EN 60601-1-2:2007 Medical electrical equipment - Part 1-2: General requirements for safety - Collateral standard: Electromagnetic compatibility - Requirements and tests

• IEC 60601-2-10:2012/EN 60601-2-10:2000+A1:2001Medical electrical equipment - Part 2-10: Particular requirements for the safety of nerve and muscle stimulators

• IEC 60601-1-11:2010 Medical electrical equipment – Part 1-11: General requirements for basic safety and essential performance – Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment.

• EN 980 Symbols for use in the labeling of medical devices

• EN 1041 Information supplied by the manufacturer with medical devices

• IEC/60601-1-6/ EN 60601-1-6 Medical electrical equipment – Part1-6: General requirements for basic safety and essential performance – Collateral standard: Usability

• IEC 60601-1-11/ EN 60601-1-11Medical electrical equipment – Part 1-11: General requirements for basic safety and essential performance – Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in home healthcare environment

• IEC 62304/ EN 62304 Medical device software - Software life-cycle processes

• IEC 62366/ EN 62366 Medical devices – Application of usability engineering to medical devices

• ISO 10993-1 Biological evaluation of medical devices - Part 1: Evaluation and testing within a risk management process

Electromagnetic compatibility and FCC compliance statement

(1) This product needs special precautions regarding electromagnetic compatibility (EMC) and needs to be installed and put into service according to the EMC information provided, and this unit can be affected by portable and

mobile radio frequency (RF) communications equipment.

(2) Do not use a mobile phone or other devices that emit electromagnetic fields, near the unit. This may result in incorrect operation of the unit.

(3) Caution: This unit has been thoroughly tested and inspected to assure proper performance and operation!

(4) Caution: This machine should not be used adjacent to or stacked with other equipment and that if adjacent or stacked use is necessary, this machine should be observed to verify normal operation in the configuration in which it will be used.

Guidance and manufacture's declaration – electromagnetic emission		
The device is intended for use in the electromagnetic environment specified below. The customer of the user of the device should assure that it is used in such an environment.		
EMISSION TEST	**COMPLIANCE**	**ELECTROMAGNETIC ENVIRONMENT - GUIDANCE**
RF emissions CISPR 11	Group 1	The device use RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emission CISPR 11	Class B	The device is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Not applicable (internal battery powered)	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Not applicable (internal battery powered)	

Guidance and manufacture's declaration – electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of device should assure that it is used in such an environment.			
IMMUNITY TEST	**IEC 60601 TEST LEVEL**	**COMPLIANCE LEVEL**	**ELECTROMAGNETIC ENVIRONMENT - GUIDANCE**
Electrostatic discharge (ESD) IEC 61000-4-2	±6 kV contact ±8 kV air	±6 kV contact ±8 kV air	Floors should be wood, concrete or ceramic tile. If floor are covered with synthetic material, the relative humidity should be at least 30%.
Electrical fast transient/burst IEC 61000-4-4	±2 kV for power supply lines ±1 kV for input/ output lines	Not applicable (internal battery powered)	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	± 1 kV line(s) to line(s) ± 2 kV line(s) to earth	Not applicable (internal battery powered)	Mains power quality should be that of a typical commercial or hospital environment.

Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5% UT (>95% dip in UT) for 0.5 cycle 40% UT (60% dip in UT) for 5 cycles 70% UT (30% dip in UT) for 25 cycles <5% UT (>95% dip in UT) for 5 sec	Not applicable (internal battery powered)	Mains power quality should be that of a typical commercial or hospital environment. If the user of the device requires continued operation during power mains interruptions, it is recommended that the device be powered from an uninterruptible power supply or a battery.
Power frequency (50Hz/60Hz) magnetic field IEC 61000-4-8	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
NOTE: UT is the a.c. mains voltage prior to application of the test level.			

Guidance and manufacture's declaration – electromagnetic immunity
The device is intended for use in the electromagnetic environment specified on following page. The customer or the user of the device should assure that it is used in such an environment.

IMMUNITY TEST	IEC 60601 TEST LEVEL	COMPLIANCE LEVEL	ELECTROMAGNETIC ENVIRONMENT - GUIDANCE
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz	3 Vrms	Portable and mobile RF communications equipment should be used no closer to any part of the device, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. **Recommended separation distance** $d = 1,2\sqrt{P}$
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2.5 GHz	3 V/m	$d = 1,2\sqrt{P}$ 80 MHz to 800 MHz $d = 2,3\sqrt{P}$ 800 MHz to 2,5 GHz Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey,[a] should be less than the compliance level in each frequency range.[b] Interference may occur in the vicinity of equipment marked with the following symbol: 

NOTE 1: At 80 MHz and 800 MHz, the higher frequency range applies.
NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

a: Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the device is used exceeds the applicable RF compliance level above, the device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the device.
b: Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

Recommended separation distances between portable and mobile RF communications equipment and the device.

The device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the device can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the device as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter (W)	Separation distance according to frequency of transmitter (m)		
	150 KHz to 80 MHz	80 MHz to 800 MHz	800 MHz to 2.5 GHz
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance dinmetres (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE 1: At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

The subject device 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.

The product generates, uses, and can radiate radio frequency energy and, if not installed and used accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that the interference will not occur in a particular installation. If the product does cause harmful interference to radio or television reception, which can be determined by turning the product on or off, the user is encouraged to try to correct the interference by one or more of the following

measures:

a) Reorient or relocate the receiving antenna;

b) Increase the separation between the product and the receiver;

c) Consult the dealer or an experienced radio / TV technician for help.

d) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

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

Product specifications

Accessories included in the package.

(1). Palm gel pads * 4pcs

(2). USB charger * 1pc

(3). USB cable * 1pc

(4). Output wire * 2pcs

(5). Manual * 1pc

Technical Specifications

Model / type	EHE029G	**Weight**	40g
Power supply	Powered by internal 3.7V li-ion battery	**Automatic shutoff**	20 minutes
Wave form and wave shape	Biphasic rectangular wave pulse	**Degree of protection against electric shock**	Type BF applied part
Pulse duration	100us (Microseconds)	**Type of protection against electric shock**	Internally powered equipment
Pulse frequency	0-160Hz (Hz=vibration per second)	**Grade of waterproof**	IP 22
Output Voltage	Max. 145Vpp ±20% (at 500ohm load)	**Product life**	1 year
Treatment time	10,20,30,40, 50,60 minutes	**Lifetime for electrode**	Storage for 2year (no use), Times of reusable: 30 times
Output intensity	0 to 20 levels, adjustable	**Mode of operation**	Continuous operation
Modes	16 auto modes	**Software version**	A0
Typical operation time of Battery	If to use at the highest level, the battery can be used for about 4 hours after fully charged.	**The time required for my equipment to warm from the minimum storage temperature between uses until it is ready for intended use**	30 minutes
Behaviour of me equipment while the rechargeable internal electrical power source is charging:	The battery indicator on the display will indicate the battery charging status	**The time required for me equipment to warm from the minimum storage temperature between uses until it is ready for intended use**	15 minutes

Typical service life of Battery	300 times of recharging	**Adapter for charging**	Please use output DC5V and output current 0.3-2.0A adapter for charging
NOTE: Not intended to be sterilized.			
Not for use in an OXYGEN RICH ENVIRONMENT			

Product programs

PROGRAM NAME	TIME MIN.	FREQUENCY (Hz)	PULSE WIDTH (μs)
Mode 1	10,20,30, 40,50,60	48	100
Mode 2	10,20,30, 40,50,60	9.6	100
Mode 3	10,20,30, 40,50,60	1	100
Mode 4	10,20,30, 40,50,60	40.3	100
Mode 5	10,20,30, 40,50,60	40.3	100
Mode 6	10,20,30, 40,50,60	40.3	100
Mode 7	10,20,30, 40,50,60	34-69	100
Mode 8	10,20,30, 40,50,60	40.3	100
Mode 9	10,20,30, 40,50,60	40.3	100
Mode 10	10,20,30, 40,50,60	40.3	100
Mode 11	10,20,30, 40,50,60	40.3	100
Mode 12	10,20,30, 40,50,60	40.3	100
Mode 13	10,20,30, 40,50,60	40.3	100
Mode 14	10,20,30, 40,50,60	40.3	100
Mode 15	10,20,30, 40,50,60	160	100
Mode 16	10,20,30, 40,50,60	160	100