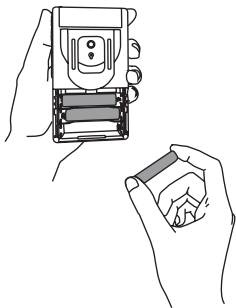


Quick Guide

Attention

The purpose of this Quick Guide is to help you understand the operation of the TENS unit much more quickly, and the contents of the quick guide are not a substitute for the user manual. Please read the user manual carefully before use to understand the contraindications and warnings. Please consult your doctor before use if you're not sure whether you can use this device.

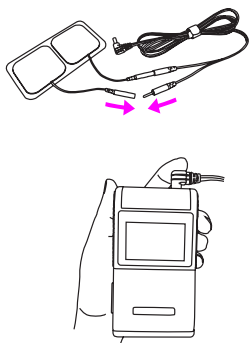
Operation



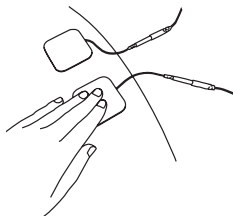
1. Install the batteries.



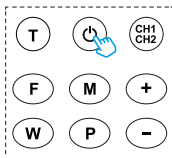
2. Clean the application areas.



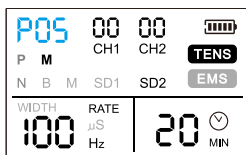
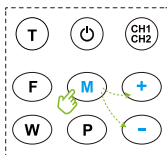
3. Connect the lead wire to a pair of pads and the device.



4. Attach the pads.

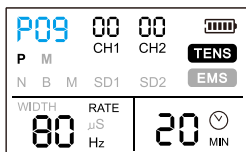
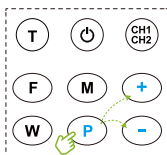


5. Long press for 3 seconds to turn it on.



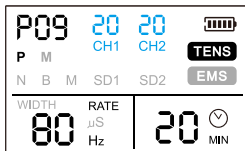
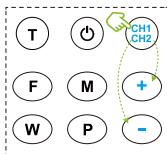
6. For MANUAL modes, select between modes P1-P5, then move to step 8.

MANUAL



7. For PRESET modes, select between modes P6-P29, skip steps 9-10.

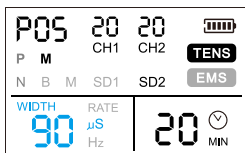
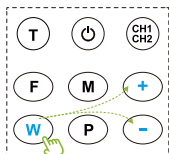
PRESET



8. Adjust the intensity.

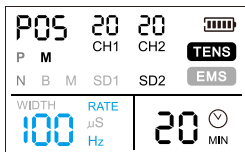
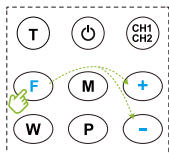
MANUAL

PRESET



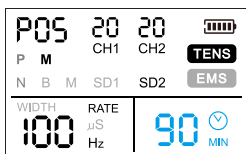
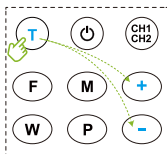
9. Adjust the pulse width.

MANUAL



10. Adjust the pulse rate.

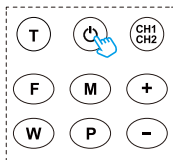
MANUAL



11. Set time.

MANUAL

PRESET



12. Turn off the device after massage.

MANUAL

PRESET

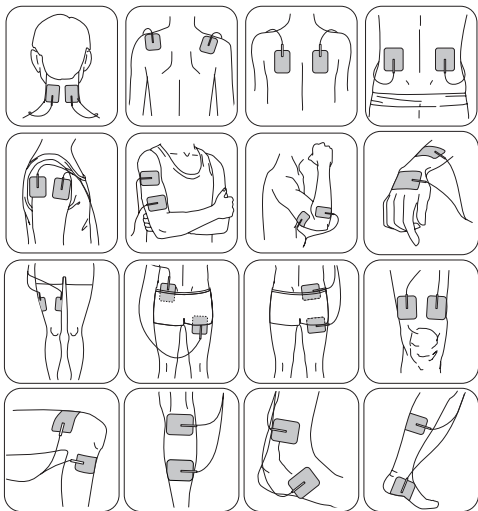


13. Remove the pads, do not pull the wire.

MANUAL

PRESET

Pad Placement Guide



Notes:

1. Do not overlap the pads.
2. Do not place the pads on the artery.
3. Only place the pads on the same side of the arm/leg.



If you want to know more details about the mode, please read the user manual, and if you encounter any problem during the use, please check the user manual for "Trouble Shooting".



USER MANUAL

TENS & EMS Device

Please read the product introduction carefully before using the product

Model TUP429

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1. Explanation of Pain

Pain is a warning system, a way for the body to tell us that something is wrong. Pain is important, without it, abnormal conditions may go undetected, causing damage or injury to vital parts of our bodies. Even though pain is a necessary warning signal of trauma or malfunction in the body, nature may have gone too far in its design. Aside from its value in diagnosis, long-lasting persistent pain serves no useful purpose. Pain does not begin until a coded message travels to the brain where it is decoded, analyzed, and then reacted to. The pain message travels from the injured area along the small nerves leading to the spinal cord. Here the message is switched to different nerves that travel up the spinal cord to the brain. The pain message is then interpreted, referred back and the pain is felt.

2. Explanation of TENS

Transcutaneous Electrical Nerve Stimulation (TENS) is a non-invasive, drug-free method of controlling pain. TENS uses tiny electrical impulses sent through the skin to nerves to modify your pain perception. TENS does not cure any physiological problem, and it only helps control pain. TENS does not work for everyone, but for most patients it is effective in reducing or eliminating pain, allowing them to return to normal activity.

3. Standard Package

- AUVON® TENS & EMS Device
- Pin Pads

- Pouch
- Set of Lead Wires
- Battery
- User Manual

4. Technical Specifications

The technical specification details of AUVON® TENS & EMS Device are as follows:

Mechanism	Technical Description
Channel	Dual-channel (2 outputs per channel, 4 outputs in total) with the same mode and different intensities.
Pulse Amplitude	Adjustable, 0-100 mA at 500 ohm load each channel.
Wave Form	Asymmetrical Bi-Phasic Square Pulse
Voltage	0-92V (Load: 500 ohm)
Power source	3 x 1.5Volt AAA Battery.
Size	10.62cm(L) x 6.2cm(W) x 2.65cm(H)
Weight	103 grams.
Pulse Rate	Adjustable, from 5-195 Hz, 5 Hz/step
Pulse Width	Adjustable, from 50 to 300 μ s microseconds, 10 μ s/step

Modes	Manual Modes: P1-5: B(Burst), N(Normal), M(Modulation), SD1 (Strength Duration), SD2 (Strength Duration) Preset Modes: P6-21: TENS; P22-29: EMS;
Normal Mode	The pulse rate and pulse width are adjustable. It generates continuous stimulation based on the setting value.
Burst Mode	Burst rate: Adjustable, 1-5Hz Pulse width adjustable, 50-300ms Frequency fixed = 100 Hz
Modulation Mode	The pulse rate and width are automatically varied in a cycle pattern. The pulse width is decreased by 50% from its original setting in 0.5 seconds, and the pulse rate is decreased by 50% from its original setting in 0.5 seconds. The total cycle time is 1 second. In this mode, pulse rate (5-195Hz) and pulse width (50-300 μ s) are fully adjustable.
SD1 Mode	The SD1 (Strength-Duration) mode consists of automatic modulation intensity and pulse width in the 40% range. The intensity is always increasing while the pulse width is decreasing and vice versa. The intensity is decreased by 40% while the pulse width is increased by 40% in

	5 seconds. In the next 5 seconds, the intensity is increased by 40% while the pulse width is decreased by 40%. The total cycle time is 10 seconds. Pulse rate (5-195Hz) and pulse width (50-300μs) are fully adjustable.
SD2 Mode	The SD2 (Strength-Duration) mode consists of automatic modulation intensity and pulse width in the 70% range. The intensity is always increasing while the pulse width is decreasing and vice versa. The intensity is decreased by 70% while the pulse width is increased by 70% in 5 seconds. In the next 5 seconds, the intensity is increased by 70% while the pulse width is decreased by 70%. The total cycle time is 10 seconds. Pulse rate (5-195Hz) and pulse width (50-300μs) are fully adjustable.
Timer	Adjustable for 10 minutes each step from 10 to 90 minutes. You can set the timer to "Continuous" mode by pressing the "T" button when it shows 90 minutes. Massage time countdown automatically.
Low Battery Indicator	A low battery indicator will show up on the LCD when the battery is low.

Operating Condition	Atmosphere Pressure: 700Hpa-1060Hpa.
Remark	There may be a +/-5% tolerance of all parameters and +/-20% tolerance of amplitude & voltage.

5. Parameter Controls

5.1 Pulse Width (Duration)

The pulse width refers to the duration of a single pulse. Typically, the higher the pulse width is, the stronger the stimulation feels. If the pulse width is set high enough, sometimes it will produce a contraction which is typically not what you want to elicit with a TENS unit. Different pulse widths can stimulate different groups of nerve fibers.

5.2 Pulse Rate

Pulse rate is also referred to as the number of pulses per second. It is the number of pulses generated in one second. This setting can be adjusted to excite certain nerves to overcome the accommodation effects and you will feel the sensation of steady continuous stimulation.

5.3 Massage Mode

Normal or Conventional TENS unit enables the users to completely control all the massage parameters of the instrument.

Burst Mode is analogous to the Low Rate TENS technique, except the low-frequency individual pulses, are replaced by individual “bursts” of 7-10 individual pulses. It is thus a com-

combination of Conventional TENS and Low Rate TENS. In Burst Mode, the message frequency is fixed by the instrument and is not adjustable with the Frequency Rate control. Modulated Mode attempts to prevent nerve accommodation by continuously cycling the massage intensity. When using Modulated Mode, increase the intensity only when the unit is at the maximum intensity of the modulation cycle. If the intensity is increased during a low-intensity period of the modulation cycle, the patient should increase the intensity slowly until the modulation cycle reaches the maximum to ensure a true maximum intensity output.

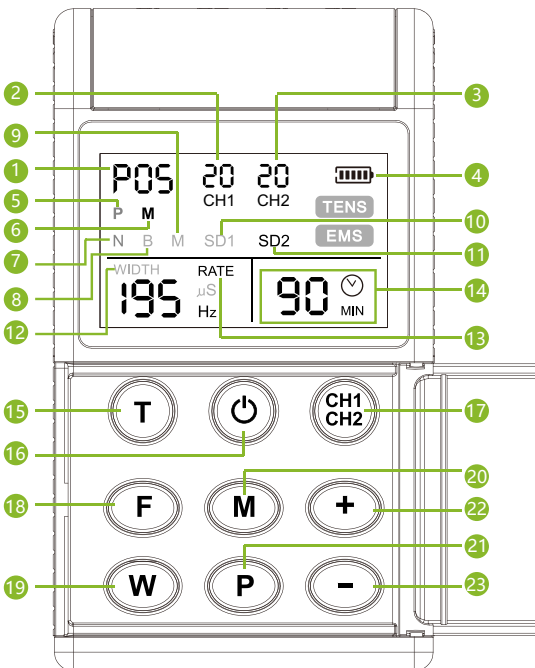
Strength-Duration Modulation (SD1 & SD2) consists of alternating modulated amplitude and width so that one parameter is always decreasing while the other is increasing and vice versa. The amplitude decreases from the amplitude control setting and returns to that setting. The width decreases from the width control setting and returns to that setting.

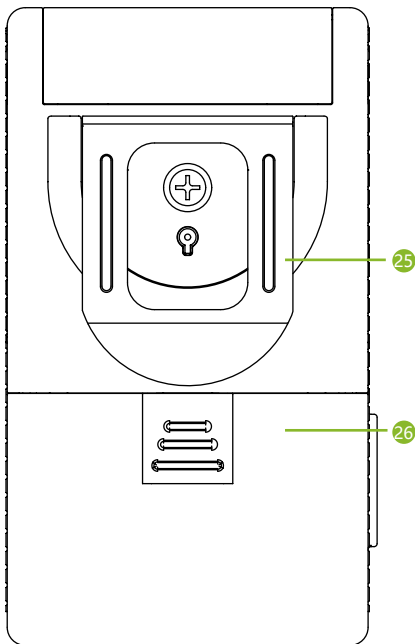
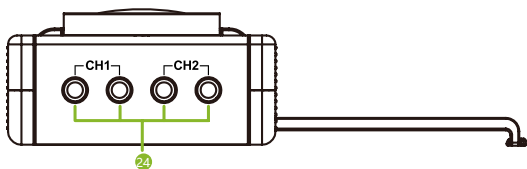
5.4 Time Duration

The onset of pain relief should occur shortly after the intensity setting has been determined. However, in some cases, pain relief may take as long as 30 minutes to achieve. TENS units are typically operated for long periods of time, with a minimum of 20-30 minutes and in some postoperative protocols, as long as 36 hours.

In general, pain relief will diminish within 30 minutes of the cessation of stimulation.

6. Product Illustrations





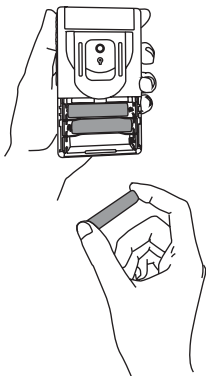
- ① Mode number indicator.
- ② Intensity indicator for CH1.
- ③ Intensity indicator for CH2.
- ④ Battery indicator.
- ⑤ Preset modes indicator for P6-P29.
- ⑥ Manual modes indicator for P1-P5.
- ⑦ Normal mode indicator of mode P1.
- ⑧ Burst mode indicator of mode P2.
- ⑨ Modulation mode indicator of mode P3.
- ⑩ Strength duration 1 mode indicator of mode P4.
- ⑪ Strength duration 2 mode indicator of mode P5.
- ⑫ Pulse width value of the selected mode.
- ⑬ Frequency value of the selected mode.
- ⑭ Time indicator.
- ⑮ Time selection button.
- ⑯ ON/OFF button (long press for 3 seconds).
- ⑰ CH1/CH2 selection button.
- ⑱ Frequency button for modes P1-P5.
- ⑲ Pulse width button for modes P1-P5.
- ⑳ Manual modes button for modes P1-P5.
- ㉑ Preset modes button for modes P6-P29.
- ㉒ Mode selection and intensity control button for CH1/CH2.
- ㉓ Mode selection and intensity control button for CH1/CH2.
- ㉔ Output connectors.
- ㉕ Belt clip.
- ㉖ Battery cover.

7. Operating Instructions

7.1 Before Use

7.1.1 AUVON®TENS uses 3 x 1.5V AAA batteries, so please insert the batteries according to the following steps:

- Make sure the device is turned off.
- Press your thumb on the cover with a raised point and push down to open the battery cover
- Insert the battery into the battery compartment according to the indicated polarity (+/-).
- Close the battery compartment by placing the cover on the side rails and sliding it upward. Replace the batteries according to the same steps in the future.



Note: Always use this device 3 x 1.5V AAA batteries. Except for leads, electrodes, batteries, please do not replace the other parts of the device.

7.1.2 Clean your skin before use, and make sure the massage areas are dry, with no sweat, and no oil.

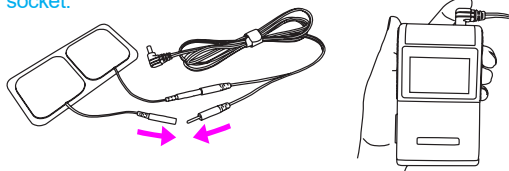
Note: The massage areas should have no wounds and areas lacking sensation should not be used. Excessive hair on the skin should be shaved off or dampened with warm water.



7.1.3 Connect a lead wire to a pair of electrode pads with the other end of the wire connected to one of the output channels of the device.

Note:

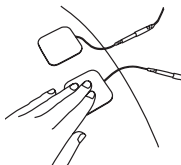
1. Each lead wire must connect to a pair of pad, and the pads must be attached to the stimulation area in pairs.
2. Please hold the insulated connector of the lead wire when plug or unplug the wire.
3. Do not insert the lead wire into any AC power supply socket.



7.1.4 Attach pads in pairs on the flat skin.

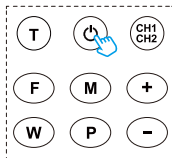
Note: To increase the pads' longevity, always drop a few drops of water on the pads, dry the pads naturally and remember to seal the pads in the plastic bag.

Make sure both pads on the skin are not overlapping.



7.2 How to Use

1. Turn on the device by pressing the “” button of the unit for 3 seconds.

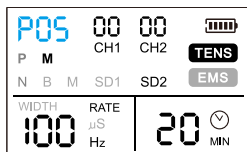
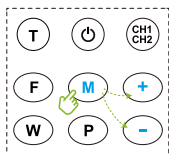


2. If you want to use MANUAL modes, please follow steps 3, 5, 6, 7.

If you want to use PRESET modes, please follow steps 4, 5, 7.

MANUAL

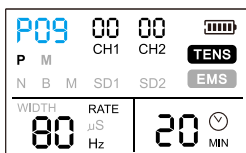
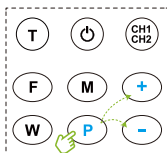
3. For MANUAL modes, please press the “M”, “+” and “-” buttons to choose modes between P1-P5.



NOTE: P1-P5 modes displayed on the screen are N (normal), B (burst), M (moderated), SD1 (strength duration 1), and SD2 (strength duration 2).

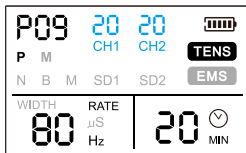
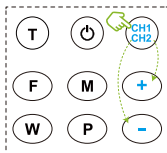
PRESET

4. For PRESET modes, please press the “P”, “+” and “-” buttons to choose modes between P6-P29.



MANUAL PRESET

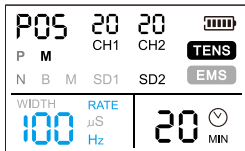
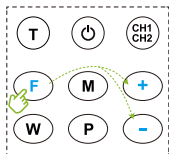
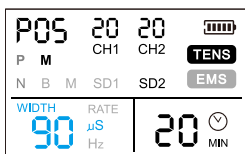
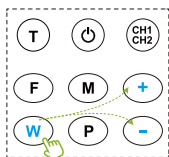
5. Press the “CH1CH2” button to select the channel and then press the “+” and “-” buttons to increase or decrease the intensity.



Note: Remember that the strength of the corresponding channel will default to the lowest setting with each mode selection. Subjective perception of the electric current may alter with changing frequencies, pulse widths, or current rates. Change the intensity once you feel uncomfortable.

MANUAL

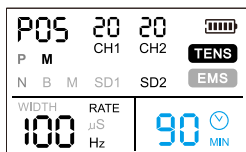
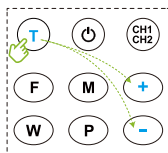
6. In manual mode, press “W” to set pulse width and adjust it from 50-300 μ s with the “+” and “-” buttons, then press “F” to set pulse rate and adjust it from 5-195 Hz with the “+” and “-” buttons.



MANUAL

PRESET

7. After completing the mode and intensity selection, please continue to select the working time by pressing the “T” button on the equipment, the working time will increase by 10 minutes, and cycle under “10-90, C min”. When the device is well connected and in the output state, the remaining time will count down automatically, but when the remaining time is less than 1 minute, the screen will flash to indicate that the remaining time is insufficient, and the device will turn off automatically after the working time countdown is over.



Note: When the time is set in continuous mode (C min) and the channel has output, the massage mode will continue to cycle until the battery is exhausted unless it is manually turned off.

7.3 After Use

7.3.1 Turn off the device by pressing and holding the “” button.

7.3.2 Lift a corner of the electrode and slowly peel it off and avoid touching the gel as much as possible. DO NOT peel the electrode off by the wire.

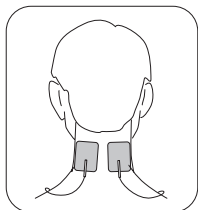
7.3.3 Remove the lead wire from the electrode connector.

7.3.4 Check the skin condition of the stimulated area and see if there are any adverse reactions.

7.3.5 Place the electrodes back in the storage bag and reseal them to prevent excessive drying. Store at room temperature (10-40 degrees) or a low temperature and out of direct sunlight.

7.3.6 Organize the wires with the cable tie.

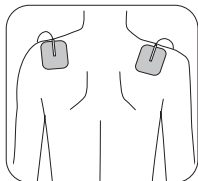
8. Pad Placement Guidance



Neck

Mode: 1-5, 11

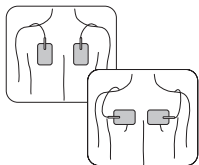
Attach pads in pairs on the back of the neck. (Do not place the pads on the left or right side of the neck.)



Shoulder

Modes: 1-5, 10, 26

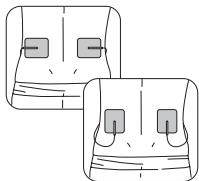
Attach pads in pairs as shown on each side of the shoulder. (Do not place the pads on the spine.)



Back

Modes: 1-9, 22

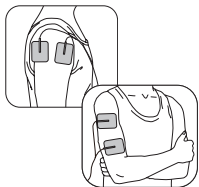
Attach pads in pairs on the upper back. (Do not place the pads on the spine or back-bone.)



Waist

Modes: 1-5

Attach pads in pairs on the lower back. (Do not place the pads on the spine or back-bone.)



Deltoid

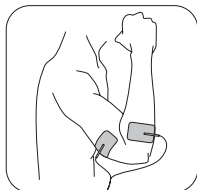
Modes: 1-5

Attach one pad in front of and one behind the muscle.

Arm

Modes: 1-5, 12, 14, 16

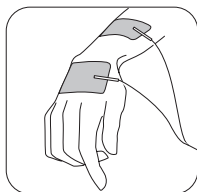
Attach pads in pairs on both sides of the same arm.



Elbow

Modes: 1-5, 13, 17, 28

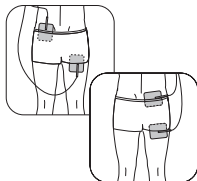
Attach pads in pairs on the upper and lower side of the same elbow.



Wrist

Mode: 1-5, 15

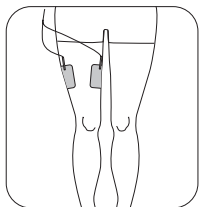
Attach pads in pairs on the upper and lower side of the same wrist. (Do not place the pads on the artery.)



Hip

Modes: 1-5, 24, 27

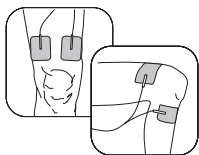
Attach pads in pairs above and below the pain area of your hip. (NOT on the back.)



Leg

Modes: 1-5, 20, 21, 25

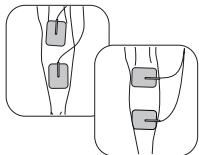
Attach pads in pairs on both sides of the same leg.



Knee

Modes: 1-5, 18

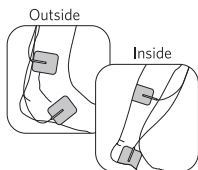
Attach pads in pairs above the knee or above and below the pain area.



Calf

Modes: 1-5, 23

Attach pads in pairs on the calf/leg where you feel pain. (Do not place electrode pads simultaneously to the calves of both legs.)



Ankle/Foot

Modes: 1-5, 19, 29

Attach pads in pairs per the illustration on the outside/inside of your ankle/foot.

9. Electrode Attachment

The attachment of electrodes can be one of the most important parameters in achieving effective results with TENS therapy. Placing the electrodes at least 2" apart but no more than 6" apart will help with successful therapy.

Contiguous attachment is the most common placement technique. It involves placing the electrodes alongside the area of the localized pain site, in such a way as to direct the flow of current through or around the area of pain.

In a single-channel application, this would involve placing each pad on either side of the pain site if the pain is localized on a limb and deep within the tissue. Pad placement on the posterior and anterior aspects of the affected limb will allow the current to flow completely through the limb and thus through the endogenous pain site.

With a two-channel application, you may either direct the current flow to cross through the pain site or, in what is called the "bracket" method allow the current flow on either side of the painful area, generally through the nerve branches that feed into the pain site.

Every patient responds to electrical stimulation different-

ly and their needs may vary from the conventional settings suggested here. If the initial results are not positive, consult your physician about alternative stimulation settings or electrode attachment. Once an acceptable attachment has been achieved, mark down the electrodes sites and the settings, so the patient can massage themselves at home.

10. Mode Description

10.1 Mode Recommendation

We recommend that you try each of the 29 modes initially. The mode or combination of modes that provides you with the most desirable sensations and comfort is the mode that best suits your current therapy session.

10.1 Intensity Recommendation

It is recommended to set the intensity within 1-3 for initial use and feel the intensity for 1-2 minutes after each intensity increase. If the intensity makes you feel pain or uncomfortable, please decrease the intensity.

10.2 Time Recommendation

It is recommended to use the device for no more than 30 minutes and to stop using it when the pain is relieved.

TENS			
Number of Mode	Pulse Rate	Pulse Width	You could feel
P1	Adjustable: 5~195	Adjustable: 50~300	Continuous comfortable tingling.

P2	Adjust- able: 1~5	Adjust- able: 50~300	Rhythmic beating.
P3	Adjust- able: 5~195	Adjust- able: 50~300	Rhythmic high-frequency pulsing from weak to strong.
P4	Adjust- able: 5~195	Adjust- able: 50~300	Weak tingling followed by an increasingly intense contrac- tion.
P5	Adjust- able: 5~195	Adjust- able: 50~300	Comfortable slight tingling from shallow to deep.
P6	85	200	Continuous comfortable tingling and contraction.
P7	50	100	Comfortable tingling and pulsing sensation.
P8	100	150	Comfortable rhythmic tingling.
P9	80	150	Comfortable tingling with intermittent contraction.
P10	10- 100-10	240	Comfortable and slow tingling firstly, then the frequency is significantly increased, and it becomes a noticeable tingling sensation.

P11	2	240	Low-frequency beating.
P12	2/100	200/150	Low-frequency slight beating firstly and then continuous comfortable tingling.
P13	2/50	200/150	Low-frequency beating, first light then heavy, and then followed by continuous pulsing.
P14	43	240	Comfortable tingling from shallow to deep with 3-4 seconds pause.
P15	43	240	Comfortable pulsing sensation from shallow to deep with 3-4 seconds pause.
P16	2~131	240	Rhythmic tingling, and then scraping, finally rhythmic beating.
P17	42	240	Comfortable slight tingling from shallow to deep with 3-4 seconds pause.
P18	42	240	Comfortable tingling and pulsing sensation from shallow to deep with 3-4 seconds pause.

P19	8	240	Rhythmic continuous beating.
P20	43	240	Rhythmic scraping sensation.
P21	2~43	240	Pulsing from slow to fast, and then contraction from slow to fast, finally beating from slow to fast.

EMS

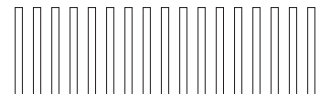
Num- ber of Mode	Pulse Rate	Pulse Width	You could feel
P22	5	200	Rhythmic low-frequency beating.
P23	7	240	Rhythmic low-frequency beating.
P24	4~20	200	Rhythmic accelerating beating at a low frequency.
P25	15	240	Rhythmic beating at a medium frequency.
P26	40~100	240	Rhythmic beating at an increasing frequency.

P27	100	200	Rhythmic tingling first and then contraction from light to heavy.
P28	50	240	Rhythmic accelerated tingling.
P29	5/60	200	High-frequency beating first and then continuous contraction.

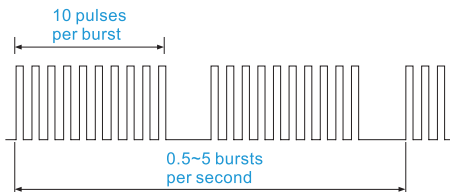
11. Waveforms of the Manual Modes

The waveforms of the 5 manual stimulation modes are as follows.

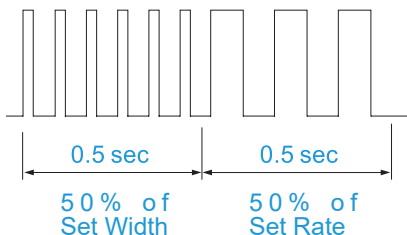
1. Normal



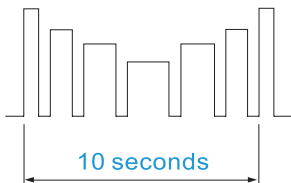
2. Burst



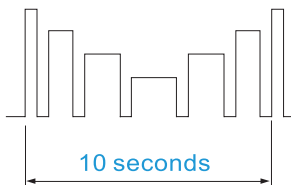
3. Modulation



4. SD1 (Strength-Duration)



5. SD2 (Strength-Duration)



12. Safety Precautions and Warnings

12.1 Pain Management Warnings

Pain is a very important signal to tell us something is wrong with our body.

If you have received medical or physical therapy for pain, please consult your physician before using this device to confirm if you can use this pain relief device.

This device may cause fatal heart rhythm disturbances in certain susceptible people, and if you have recently had surgery, the stimulation may disrupt the healing process. If your pain does not improve after using this machine or becomes severe chronic pain or severe pain, stop using this device and consult your doctor.

12.2 Prohibited Conditions

- The wire is broken
- The gel is damaged
- The lead wire connection port is broken
- The device is broken
- Battery leakage

12.3 Prohibited Individuals

- Pregnant women, infants, and children
- People who cannot express their thoughts or intentions
- People who are incapable of operating the device by themselves
- People who tend to bleed internally after an injury or fracture
- Patients with suspected or confirmed heart disease or epilepsy

12.4 Prohibited Areas

- Any part of the head or face
- Any part of the throat and its vicinity, which can cause

severe muscle spasms and lead to choking

- The heart and its vicinity or genital area
- Open wounds or rash areas
- Swollen, red, infected, or inflamed areas
- Areas of skin erosion (caused by varicose veins, phlebitis, thrombophlebitis, and thrombosis)
- Sites on or near cancerous lesions
- Skin that lacks normal sensation

Do not use the pads in the following two areas simultaneously, because the current may cause heart rhythm disorders, or even cause death.

- Both sides of the chest (left and right or front and back) or through the chest
- Calves of both legs
- Bottom of both legs

12.5 Prohibited Activities

- Shower or bath
- Sleeping
- Driving or operating machines
- Any activities that cannot be interfered

12.6 Pad Precautions

- Do not bend or fold the pads because it may damage the gel.
- Only place the pads on the skin or the plastic film.
- Do not apply ointment or any solvent to the pads or the area where the pads are to be used.
- Do not share pads with others or it may cause skin irritation or infection.
- Do not overlap the pads when applying to the skin or the device may stop working, and the gel may be removed when separating.
- Do not move the pads when they are working.

- Each lead wire needs to be connected to a pair of pads (2 pads), cause a single pad does not work.
 - Ensure each connection port is tightly connected before use, otherwise, the current may be unstable.
 - Pads should not touch any metal objects like belt buckles, necklaces, or other metal worn under clothes.
- Always place clean pads by the illustrations provided.

13. Trouble Shooting

If your device is not operating properly, please check below for common problems and suggested solutions. If the recommended action does not solve the problem, please contact the seller.

Problem	Possible Cause	Solution
Can't plug the lead wires into the device port or the pad connector.	Incompatible connector or damaged connector/ port.	Use a compatible lead wire, if the new lead wires we provided are broken or incompatible with our machine, please contact us.
Can't turn on the device.	No battery.	Install the battery.
	Low battery.	Replace the battery.

Problem	Possible Cause	Solution
Can't turn on the device.	Operate the wrong on/off button.	Find the on/off button according to the ILLUSTRATIONS on the user manual and turn it on again.
	On/off button damaged.	Contact us if the device still can't be turned on after trying all of the above solutions.
Device/pads don't work.	Only connect 1 pad to the lead wire.	Connect a pair of pads to 1 lead wire.
	Only apply 1 pad on the skin.	Attach pads to the skin in pairs.
	Did not set the intensity.	Increase the intensity of the connected channel.
	Poor connection between the pads and the device.	Connect both ends of the lead wires to the pads and the device tightly.

Problem	Possible Cause	Solution
Device/ pads don't work.	Poor contact between the pads and the skin.	Attach the pads firmly against the skin (no hair).
	Damaged pads or lead wires.	Replace the pads or lead wires.
Can't adjust the intensity.	Adjust the intensity for the wrong channel.	Make sure the channel you select is the same as the connected one.
The adhesive on the pads is not sticky.	The pads are damaged or deteriorated.	Replace the pads.
	Pads are stored in a place with high temperature, high humidity, or direct sunlight.	

Problem	Possible Cause	Solution
It is difficult to attach the pad to the skin.	The transparent film is still on the pad.	Remove the transparent film from the pads.
	Use pads when they are in wet condition.	Dry the pads.
	Excessive hair in the massage areas.	Make sure the massage areas are not hairy.
	Use pads on non-flat surfaces.	Use pads on flat muscle groups.
	The adhesive on the pads is damaged.	Replace the pads.
The skin turns red or the skin feels irritated.	The adhesive of the pads is dirty or dry.	Drop a few drops of water on the pad, wipe with your fingers, and air-dry it before use.
	Dirty skin or broken skin.	Clean your skin and air-dry it, do not use the pads on the broken skin.
	Excessive usage time or the intensity is too high.	Reduce the application time (30 minutes are recommended) or decrease the intensity.

Problem	Possible Cause	Solution
The skin turns red or the skin feels irritated.	The pads are worn out.	Replace the pads.
	Use the pads on sweaty areas or during sports.	Do not use the pads on sweaty areas or during sports.
	The edge of the pads is distorted.	The edge of the pad may be distorted after multiple uses, please replace the pad.
One pad feels stronger than the other.	This is normal. Different areas of your body react differently.	Nothing needs to be done. Make sure the pads are moist and make good contact.
	Poor wire contact.	Keep the wire fully plugged into the output port of the device. If it does not work, replace the wire and try again.
The intensity felt is very weak.	Pads are not attached to the body firmly.	Attach both pads firmly against the skin.
	The transparent films are still stuck to the pads.	Peel off film on the adhesive surface of pads.

Problem	Possible Cause	Solution
The intensity felt is very weak.	The pads stack together or overlap.	Do not stack pads together or overlap pads.
	The lead wire is not properly connected to the unit.	Connect the lead wire correctly to the port.
	The intensity of the setting is weak.	Increase the intensity level.
	Low battery.	Replace the battery.
The intensity felt is very strong.	The same intensity for different modes is different.	Feel the intensity from 1 and set different intensities for different modes.
No power sources, no display on LCD.	The batteries are depleted.	Replace the batteries.
	The unit is damaged.	Contact the seller if the device still doesn't work when you replace the batteries.

Problem	Possible Cause	Solution
Power cuts off during use.	The lead wire is broken.	Replace the lead wire.
	The battery is weak.	Replace the batteries.
	The unit is damaged.	Contact the seller if the device still doesn't work after trying all of the above solutions.

14. Symbols

Symbol	Meaning
	Attention, consult accompanying documents
	BF Isolated Applied Part
	Class II equipment
	Disposal in accordance with Directive 2002/96/EC

Symbol	Meaning
	MANUFACTURER
	Date when the medical device was manufactured.
	AUTHORISED REPRESENTATIVE IN THE EUROPEAN COMMUNITY
	Pls read the user manual before use
	CE Mark, meets compliance of applicable directives and regulation in EU
IP22	IIP Classification: The first number 2: Protected against access to hazardous parts with a finger, and the jointed test finger of 12 mm Φ, 80 mm length, shall have adequate clearance from hazardous parts, and protected against solid foreign objects of 12.5 mm Φ and greater. The second number: Protected against vertically falling water drops when enclosure is tilted up to 15°. Vertically falling drops shall have no harmful effects when the enclosure is tilted at any angle up to 15° on either side of the vertical.

15. Certification

The device complies with following normative documents: ANSI/AAMI/ES 60601-1, IEC 60601-1-2, IEC 60601-1-11, IEC 60601-2-10, ISO 10993-5, ISO 10993-10.

16. Customer Service



24-Month Limited Warranty



Lifetime Technical Support



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