

PORTABLE ULTRASONIC DEVICE

MODEL NO. : ZZA1000 OPERATION MANUAL



BEFORE USING THE DEVICE, PLEASE READ OPERATING INSTRUCTION CAREFULLY.



GENERAL DESCRIPTION

Ultrasonic equipment generates high frequency sound waves (1MHz) that are transferred to a specific area of the body via the round-headed probe. The sound waves travel deep into tissue and create gentle heat. In turn, the heat induces vasodilatation: drawing blood into the target tissues. The generated deep heat is found to help relieve pain and reduce muscle spasms. The ZZA1000 generates deep heat within body tissues for the treatment of pain relief and muscle spasms. This is an FDA regulated product available by prescription for adults only.

SYSTEM COMPONENTS

- The following should be included:
- Ultrasound unit
 - AC adapter
 - Conductive gel
 - Operation manual

LIMITED PRODUCT WARRANTY

The BodyMed®ZZA1000 unit is warranted to be free from defects in materials and workmanship occurring within one year from date of purchase, when used in strict accordance with the instructions provided with the BodyMed® ZZA1000 unit. The sole remedy for a breach of this warranty is replacement of the defective materials or components. This warranty extends only to the original purchaser. The purchase receipt or other proof of date of original purchase is required before full replacement will be provided.

Please contact BodyMed® at 1-866-528-2152.

BODYMED® MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ALL SUCH WARRANTIES BEING HEREBY EXPRESSLY EXCLUDED.

The warranty described above does not extend to the normal wear of the product and is void if the product housing has been removed or if the product fails to function properly as a result of an accident, misuse, abuse, neglect, mishandling, misapplication, faulty installation, set-up, adjustments, improper maintenance, alteration, maladjustment of controls, modification, power surges, use of product which differs from the suggested use set forth in the product instructions, service by anyone other than an authorized service center or acts beyond the control of the manufacturer.

BODYMED® SHALL NOT BE LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES WHETHER ARISING UNDER CONTRACT, TORT, STRICT LIABILITY, STATUTE OR OTHER FORM OF ACTION OR ANY DAMAGES IN EXCESS OF THE COST OF THE REPLACEMENT OF THE PRODUCT.

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ULTRASOUND ACTION FUNCTION TEST

Hold the probe horizontally and apply several water drops on the surface of the probe. Turn the device on to observe the ultrasonic action. The water drops on the probe start to perform one million vibrations per second.

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|------------------|--|
| LOW INTENSITY | The water drops vibrate slightly. |
| MEDIUM INTENSITY | The water drops vibrate stronger. |
| HIGH INTENSITY | The water drops vibrate very strongly. |

TROUBLE SHOOTING

If the device does not function properly, please refer to the chart below

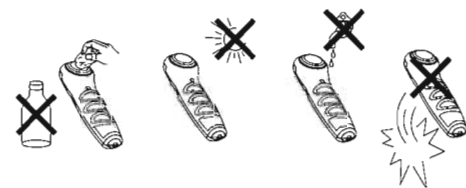
PROBLEM	POSSIBLE SOLUTION
LED is not lit	<ul style="list-style-type: none"> • Insert the plug of the adaptor into the outlet again. • Connect the DC plug of the adapter with the device again correctly. • Press the ON/OFF button .
LED is performing normally, but no output function occurs	<ul style="list-style-type: none"> • Make sure the output intensity button setting is correct.

If any other problems occur, please BodyMed® at 1-866-528-2152. Do not attempt to repair the device

MAINTENANCE

DEVICE MAINTENANCE

The device and alloy probe may be cleaned by wiping gently with a clean, damp soft cloth. Never immerse the device in water or other liquids.



TECHNICAL SPECIFICATIONS

- Power : Switch adaptor
Input: AC100-240V, 50/60Hz
Output: DC 24V
- Frequency: 1 MHz ± 10%
- Type: Non focusing
- Pulse width: 2 ms ± 10%
- Repetition rate: 150 Hz ± 10%
- Waveform: Pulse
- Temporal maximum power: 4W ± 10%
- Temporal maximum effective intensity: 1.57W/cm2 ± 10%
- Effective maximum temporal intensity/
Effective average effective intensity: 1.57/0.47=3.34 ± 10%
- ERA: 6.16 square centimeter ± 5%
- BNR: Max.5.6:1
- Auto-time setting: 30 minutes ± 10%
- Output intensity: Low, Medium, High
- Size of main unit: 172(L) x 54(W) x 42(H) mm
- Weight of main unit: 120 grams

OPERATING AND STORAGE CONDITIONS

Operating Conditions: 50°F - 104°F (10°C-40°C)
Storage/Transportation Conditions: 14°F - 140°F (-10°C-60°C)

INDICATIONS AND CONTRAINDICATIONS

Read the operation manual before using the device. Federal Law (USA) restricts this device to sale by, or on the order of, a physician or licensed practitioner. Follow your physician's or licensed practitioner's precise instructions.

Indications for use

This is a prescription device, and should only be used for the symptomatic relief of pain and muscle spasms as prescribed by a physician or licensed practitioner.

⚠️ Contraindications

Do not use

- On patients with hemorrhagic conditions.
- Over an area of the spinal cord following a laminectomy (a surgical procedure that entails opening the spinal column to treat nerve compression in the spinal cord).
- Over or near bone growth centers until bone growth is complete.
- On bony areas.
- Over a healing fracture.
- Over the eyes, in the mouth or internally.
- On patients with sensitive skin or who have a sun burn.
- On patients with implanted neurostimulation systems because tissue damage can occur at the location of the implanted electrodes resulting in severe injury or death. This can also damage the system components.
- To treat malignancies or in a region with malignant tumors.
- On patients with heart disease.
- On patients with high blood pressure.
- On patients with implanted electronic devices (for example, a pacemaker) or metallic implants.
- On skin implanted with metal, plastic or silicone material.
- On patients with vascular disease.
- On anesthesia areas.
- Over the carotid sinus nerves or arteries, laryngeal or pharyngeal muscles.
- During pregnancy or menstrual cycles.
- On patients with acute disease, infectious disease, dermatitis, ringworm, facial neuralgia.

WARNINGS/PRECAUTIONS

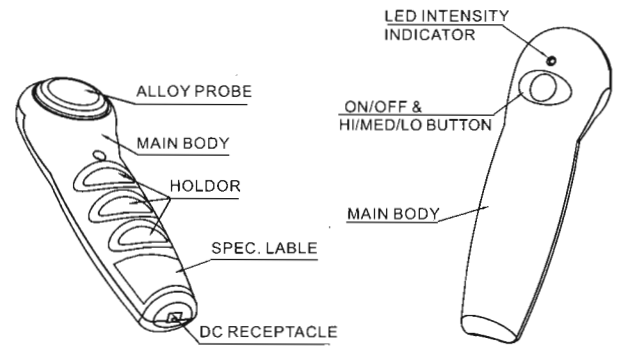
1. The device must be kept out of the reach of children.
2. Keep the probe head moving while maintaining contact with the skin.
3. If treatment becomes uncomfortable, contact your physician or licensed practitioner immediately.
4. Do not immerse the device in water or other solvents.
5. Do not drop the device or probe.
6. The device and probe should be operated in temperatures between 50°F - 104°F (10°C~40°C).
7. The device and probe should be stored or transported in temperatures between 14°F - 140°F (-10°C~60°C)

NOTE: This device complies with all parts of 21 CFR 1050.10 of the performance standard for sonic, infrasonic and ultrasonic radiation-emitting product.

Use of this device other than specified in this operation manual may result in hazardous exposure to ultrasonic energy.

ABOUT THE DEVICE

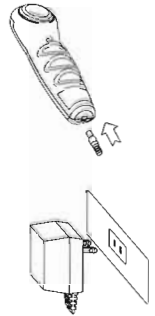
※ The device offers three intensity levels, low, medium and high and an automatic 30 minute timer.



THE DEVICE CONTROLS

The ON/OFF button functions to set the output intensity for the three levels. Low intensity is indicated by a green LED. Medium intensity is indicated by an orange LED. High intensity is indicated by a red LED.

- Connect the adapter to the unit.
- Plug the adapter into wall socket.
- Apply appropriate amount of gel on the probe and the desired treatment area.
- Press the ON/OFF button, the LED will show green (low intensity).
- To adjust the intensity, push the ON/OFF button once to change to medium intensity (orange LED). Press the ON/OFF button once again to switch to high intensity (red LED).
- To return to low intensity (green LED) simply press the ON/OFF button one more time.



If you wish to end treatment prior to the auto shut off which occurs at 30 minutes, press and hold the ON/OFF button for approximately 3 seconds or until you see the LED light turn off completely.

Caution: Use the original adapter provided with the unit. Do not disassemble or modify the power adapter. Personal injury or damage to the unit may result if instructions for connecting the adapter are not followed.

BODYMED®

Manufactured for BodyMed®

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