

Vilnason CS01EU

Vilnason Ultrasound Therapy Device CS01EU

User Manual

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1. IMPORTANT SAFETY WARNINGS

Read all instructions before using this device. Failure to follow these warnings may result in injury or device damage.

- Do not use in areas with water or high humidity.
- Keep away from heat sources.
- Do not use if you have an implanted medical device (e.g., pacemaker).
- Consult a healthcare professional before use if you are pregnant or have any pre-existing medical condition.
- Do not use for more than 15 minutes continuously in a single treatment area.
- Keep out of reach of children and pets.
- This device is intended for external use only.
- Do not apply to open wounds, broken skin, or sensitive areas like eyes or genitals.
- If you experience any discomfort or adverse reactions, discontinue use immediately and consult a healthcare professional.

2. PRODUCT OVERVIEW

The Vilnason Ultrasound Therapy Device CS01EU is designed for physical therapy and body pain relief. It utilizes ultrasonic waves to provide non-invasive, non-toxic, and radiation-free therapy without known side effects. This device features an ergonomic design for comfortable handling and ease of use.



Figure 2.1: Vilnason Ultrasound Therapy Device with its main unit, display, control buttons, and attached ultrasound probe.

ULTRASOUND THERAPY EQUIPMENT

No irradiation , green therapy



Figure 2.2: The device is designed for ultrasound therapy, emphasizing its non-irradiating and environmentally friendly approach.



Figure 2.3: Key benefits of the Vilnason Ultrasound Equipment, including its non-invasive, non-toxic, and radiation-free nature.

Device Components:

- **Main Unit:** Houses the control panel, display, and power connections.
- **Ultrasound Probe:** The handheld applicator that delivers ultrasonic waves.
- **Power Cable:** For connecting the device to an electrical outlet.
- **Control Panel:** Features a large backlit LCD display and touch buttons for easy operation.



Figure 2.4: Detailed view of the device's features, including the LCD display, touch buttons, ergonomic probe design, and the importance of applying coupling agent.

3. SETUP INSTRUCTIONS

1. **Unpack the Device:** Carefully remove all components from the packaging.
2. **Placement:** Place the main unit on a stable, flat, and dry surface, away from water or excessive humidity. Ensure adequate ventilation around the device.
3. **Connect the Probe:** Insert the ultrasound probe cable securely into the designated probe jack socket on the main unit.
4. **Connect Power:** Plug the power cable into the power jack socket on the main unit, then connect the other end to a suitable electrical outlet (110-240V).
5. **Initial Check:** Before turning on, ensure all connections are secure and the device is free from visible damage.

4. OPERATING INSTRUCTIONS

This section guides you through the proper use of your Vilnason Ultrasound Therapy Device.

4.1 Before Treatment:

1. **Clean Skin:** Ensure the skin area to be treated is clean and free from oils, lotions, or creams.
2. **Apply Coupling Agent:** Apply a generous amount of ultrasound coupling gel (not included) to the treatment area and the surface of the ultrasound probe. This is crucial to insulate air between the probe and skin, ensuring effective transmission of ultrasonic waves.

4.2 Starting Treatment:

1. **Power On:** Press the 'ON/OFF' button on the control panel to turn on the device. The LCD display will illuminate.
2. **Select Mode/Intensity:** Use the '+' and '-' buttons to adjust the intensity level and treatment time as displayed on the LCD. Refer to your healthcare professional's recommendations for appropriate settings.
3. **Apply Probe:** Gently place the ultrasound probe flat against the skin in the treatment area, ensuring full contact with the coupling gel.
4. **Begin Treatment:** The device will start emitting ultrasonic waves. Move the probe slowly and continuously in small circular motions over the treatment area. Do not hold the probe stationary in one spot.
5. **Monitor Time:** Keep track of the treatment duration. Do not exceed 15 minutes per treatment area per session.

4.3 Ending Treatment:

1. **Power Off:** After the desired treatment time, press the 'ON/OFF' button to turn off the device.
2. **Clean Up:** Wipe any remaining coupling gel from the probe and the treated skin area using a soft cloth or tissue.
3. **Store Device:** Disconnect the power cable and store the device and probe in a clean, dry place.

5. MAINTENANCE

5.1 Cleaning:

- Always turn off and unplug the device before cleaning.
- Wipe the main unit and the ultrasound probe with a soft, damp cloth. A mild, non-abrasive cleaner can be used if necessary.
- Do not use harsh chemicals, abrasive cleaners, or immerse the device or probe in water.
- Ensure the device is completely dry before storing or next use.

5.2 Storage:

- Store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- Keep the device and its accessories in their original packaging or a protective case to prevent damage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Power cable not connected properly. No power from outlet.	Check power cable connection. Try a different outlet. Ensure the 'ON/OFF' button is pressed.

Problem	Possible Cause	Solution
No sensation or effect during treatment.	Insufficient coupling gel. Probe not making full contact with skin. Intensity setting too low.	Apply more coupling gel. Ensure the probe is flat against the skin. Increase intensity gradually.
Device overheats.	Prolonged use. Blocked ventilation.	Discontinue use and allow the device to cool down. Ensure ventilation openings are clear. Do not exceed 15 minutes of continuous use.
Display not working correctly.	Internal error.	Turn off the device, unplug it, wait a few minutes, then plug it back in and restart. If the issue persists, contact customer support.

If you encounter any issues not listed here, or if the problem persists after attempting the solutions, please contact customer support.

7. TECHNICAL SPECIFICATIONS



Figure 7.1: Detailed product parameters including dimensions and electrical specifications.

Feature	Specification
Model Number	CS01EU
Manufacturer	Hunan Vilna Technology CO.,LTD
Product Dimensions	36 x 28 x 18 cm
Product Weight	1.8 Kilograms
Material	Plastic, Metal
Color	White
Power Source	Electric Cable
Machine Voltage	110-240V
Power Input Rating	≤25W
Ultrasound Operating Frequency	1.05M Hz ±10%
Ultrasound Output	5.0W
Output Power	≤3W/cm ²
Ultrasound Voltage	≤35V
Beam Style	Straight
Temperature of Probe	≤50°C
Relative Humidity	20%-80%
Ambient Temperature	5-40°C
Atmospheric Pressure	80-106Kpa
Specific Uses	Arthritis, Sciatica, Carpal Tunnel
Wireless	No

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact the retailer/manufacturer directly. Keep your purchase receipt as proof of purchase.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question