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Biotronix Solution Forever Ginha HL 1602

Biotronix Solution Forever Ginha HL 1602 Shockwave Therapy Machine User Manual

Portable ESWT Device for Pain Relief and Physiotherapy

1. Introduction

The Biotronix Solution Forever Ginha HL 1602 is a portable Extracorporeal Shockwave Therapy (ESWT) device designed for effective pain relief and physiotherapy. It delivers acoustic energy to stimulate cellular repair, reduce chronic pain, and improve mobility in various musculoskeletal conditions.
This manual provides essential information for the safe and effective use of your Ginha HL 1602 device. Please read it thoroughly before operation.



Figure 1: Ginha HL 1602 Shockwave Therapy Machine in its open carrying case.

2. Important Safety Information

WARNING: This device is intended for use by trained professionals or under the guidance of a healthcare provider. Consult a medical professional before using this device, especially if you have pre-existing medical conditions.

- Do not use on areas with open wounds, infections, tumors, or acute inflammation.
- Avoid use on pregnant women, individuals with pacemakers, or those with blood clotting disorders.
- Do not apply directly over major nerves, blood vessels, or vital organs.
- Keep the device away from water and extreme temperatures.
- Ensure the power cord is undamaged and properly connected to a grounded outlet.
- Always use the appropriate treatment head for the targeted area.
- Discontinue use immediately if you experience severe pain or discomfort.

3. Product Components

The Ginha HL 1602 system includes the following components:

- Main Control Unit
- Operating Handle Probe
- 7 Interchangeable Treatment Heads

- Power Cord
- Rubber Covers for Treatment Heads
- Carrying Case



Figure 2: Ginha HL 1602 Product Components and Connections.

4. Setup Instructions

1. **Unpack the Device:** Carefully remove all components from the carrying case.
2. **Connect Power:** Insert the power cord into the power interface on the back of the main control unit. Plug the other end into a suitable AC110V-AC220V, 50/60Hz grounded electrical outlet.
3. **Connect Operating Handle:** Insert the operating handle cable into the 'Out Handle socket' on the front panel of the main control unit. Ensure it is securely connected.
4. **Attach Treatment Head:** Select the appropriate treatment head for your intended therapy. Screw the chosen head onto the tip of the operating handle probe until it is firmly attached. You may place a rubber cover over the head if desired for comfort or hygiene.
5. **Power On:** Flip the power switch located on the back of the main unit to the 'ON' position. The digital display on the control unit should illuminate.

5. Operating the Device

5.1. Interface Overview

The Ginha HL 1602 features a user-friendly digital interface. The display allows you to adjust output frequency and intensity levels. The device offers 16 output frequency numbers and 12 output intensity levels for customizable treatments.

5.2. Selecting Treatment Heads

The device comes with 7 interchangeable treatment heads, each designed for specific applications and body areas. Refer to the diagram below for examples of different head types.



Figure 3: Operating Handle and Interchangeable Treatment Heads.

5.3. Treatment Procedure

1. **Prepare the Area:** Ensure the skin in the treatment area is clean and free of lotions or oils. Apply a thin layer of coupling gel to the skin over the target area.
2. **Select Settings:** Using the digital interface, set the desired frequency and intensity levels. Start with lower intensity and gradually increase as tolerated by the patient.
3. **Apply Treatment:** Place the selected treatment head firmly against the skin in the target area. Press the 'Switch Button' on the operating handle to activate the shockwave delivery.
4. **Move the Handle:** Move the operating handle slowly and steadily over the treatment area in a circular or linear motion. Maintain constant contact with the skin.
5. **Monitor Patient:** Continuously monitor the patient's comfort level. Adjust intensity or frequency as needed.
6. **End Treatment:** Once the desired treatment duration or number of pulses is reached, press the 'Switch Button' again to stop shockwave delivery. Turn off the main unit using the power switch.



Figure 4: Application of Shockwave Therapy for Deep Relaxation.

6. Maintenance and Care

- **Cleaning:** After each use, wipe the operating handle and treatment heads with a soft cloth dampened with a mild disinfectant. Ensure no liquid enters the device.
- **Storage:** Store the device and all accessories in its original carrying case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Regularly inspect the power cord, operating handle, and treatment heads for any signs of wear, damage, or loose connections. Do not use the device if any component is damaged.
- **Service:** Do not attempt to open or repair the main unit or operating handle. Refer all servicing to authorized personnel.

7. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Power cord not connected or faulty outlet.	Check power cord connection. Try a different outlet. Ensure power switch is ON.
No shockwave output from handle.	Handle not connected securely; intensity set too low; switch button not pressed.	Ensure handle cable is fully inserted. Increase intensity setting. Press the switch button on the handle.

Problem	Possible Cause	Solution
Treatment head is loose.	Head not screwed on properly.	Tighten the treatment head onto the operating handle.
Unusual noise or vibration.	Internal malfunction.	Immediately power off the device and contact customer support.

8. Technical Specifications

- **Model:** Ginha HL 1602
- **Voltage:** AC110V-AC220V
- **Frequency:** 50Hz/60Hz
- **Power:** 90W MAX
- **Current:** 2A MAX
- **Output Frequency Numbers:** 16 levels
- **Output Level Numbers:** 12 levels
- **Transmitters (Treatment Heads):** 7 pieces
- **Product Dimensions:** 14 x 12 x 7 cm
- **Item Weight:** 3 kg
- **Item Model Number (Manufacturer):** ISBSFSWTGINHA0011

9. Warranty and Support

9.1. Warranty Information

The Biotronix Solution Forever Ginha HL 1602 Shockwave Therapy Machine comes with a**1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized repairs, or normal wear and tear.

9.2. Customer Support

For technical assistance, warranty claims, or any inquiries regarding your device, please contact the manufacturer:
Manufacturer: Innovative Solutions
Location: Delhi, INDIA
Contact Number: 9310846114

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