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› [HORIGEN](#) /

› [HORIGEN Wearable Breast Pump E4 Instruction Manual](#)

HORIGEN E4

HORIGEN Wearable Breast Pump E4 Instruction Manual

Model: E4 (HNR-US-2249BS1)

1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before using the HORIGEN Wearable Breast Pump E4. Keep this manual for future reference.

- This product is intended for personal use by lactating mothers to express breast milk.
- Do not use this device for any purpose other than its intended use.
- Always inspect the pump components for damage before each use. Discard and replace any damaged parts.
- Keep the pump motor unit dry. Do not immerse it in water or other liquids.
- Ensure all parts that come into contact with breast milk are cleaned and sterilized according to the instructions before first use and after each subsequent use.
- Do not leave the pump unattended while in use.
- Keep out of reach of children.
- If you experience pain or discomfort during pumping, discontinue use and consult a healthcare professional.
- Use only the provided power adapter and cable for charging.

2. PRODUCT OVERVIEW AND COMPONENTS

The HORIGEN Wearable Breast Pump E4 is designed for discreet and efficient milk expression. It features APP control, multiple modes and levels, and a comfortable design.



Image: The Horigen Wearable Breast Pump E4, showing the main pump unit, milk collector, and various accessories including flanges, USB-C cable, and cleaning brush.

What's in the Box:



Easy to Store and Feeding

bottle nipple not included



BPA Free



Tritan Eco



Store in Freezer



Large Capacity

Image: A detailed view of all included components: 25mm Flange (x2), Breast Shield (x2), Diaphragm (x2), Pump Motor (x2), 180ml Milk Collector (x2), Silicone Valve (x2), 21mm Flange (x2), 17mm Flange (x2), 15mm Flange (x2), Milk Collector Lid (x2), Converters (x2), USB Type-C Cable (x2), Bra Adjuster (x2), Clean Brush (x1), Flange Size Ruler (x1), Instructions (x1), Storage Case (x1).

1. Pump Motor Unit (x2)
2. Milk Collector (180ml) (x2)
3. Breast Shield (x2)
4. Silicone Flange (25mm, 21mm, 17mm, 15mm) (x2 each size)

5. Diaphragm (x2)
6. Silicone Valve (x2)
7. Milk Collector Lid (x2)
8. Converters (x2)
9. USB Type-C Cable (x2)
10. Bra Adjuster (x2)
11. Cleaning Brush (x1)
12. Flange Size Ruler (x1)
13. Instruction Manual (x1)
14. Storage Case (x1)

3. SETUP AND ASSEMBLY

3.1 Initial Charging

Before first use, charge the pump motor unit for 2 hours using the provided USB Type-C cable and a 5V-1A power adapter. The battery indicator on the display will show charging status.

Video: Demonstrates the initial charging process of the HORIZEN E4 breast pump, showing how to connect the USB-C cable to the pump unit.

3.2 Assembly Procedure

Follow these steps to assemble your breast pump:



Image: Visual guide for assembling the breast pump. Steps include attaching the diaphragm and silicone valve to the breast shield, pushing the assembled breast shield into the pump motor, assembling the pump motor and milk collector, and pushing the flange into the breast shield, ensuring alignment.

1. Attach the diaphragm and the silicone valve to the breast shield.
2. Push the assembled breast shield into the pump motor until it seals well.
3. Assemble the pump motor and milk collector to ensure secure installation.
4. Push the flange into the Breast Shield. Make sure it's aligned and assembled in place.

3.3 Flange Sizing

Selecting the correct flange size is crucial for comfort and effective milk expression. Use the provided flange size ruler to

determine your nipple diameter.

Find the right size for you

Size Guide	
Recommended Insert Size	Nipple Diameter
15mm	11-13mm
17mm	13-15mm
21mm	15-19mm
25mm	19mm-above

Image: A visual guide demonstrating how to measure nipple size and choose the appropriate flange insert (15mm, 17mm, 21mm, 25mm) for a proper fit.

Recommended Insert Size based on Nipple Diameter:

- **15mm:** 11-13mm Nipple Diameter
- **17mm:** 13-15mm Nipple Diameter
- **21mm:** 15-19mm Nipple Diameter
- **25mm:** 19mm-above Nipple Diameter

4. OPERATING INSTRUCTIONS

4.1 Wearing the Pump

Once assembled, place the pump unit inside your nursing bra, ensuring the flange is centered over your nipple. The drop-shaped design allows for a discreet and comfortable fit.

Upgraded 3 Modes & 9 Levels

Customize Your Rhythm, Promote Pumping Efficiency



Image: A woman demonstrating how the HORIZEN E4 breast pump fits discreetly within a bra, highlighting its wearable design.

4.2 Power On/Off and Mode Selection

Press the power button on the pump motor unit to turn it on. The pump offers 3 modes and 9 levels of intensity. Use the mode button (M) to cycle through Stimulation, Expression, and Mixed modes. Use the '+' and '-' buttons to adjust the intensity level within each mode.

Enjoy Smart Breastfeeding Life with Horigen E4



Are you experiencing these
challenges?



Awkward



Exposed While Pumping
in Public



Low Milk Flow



Frustrated by Milk Spills

Image: A close-up of the pump's control panel, illustrating the digital display and buttons for power, mode selection, and intensity adjustment.

4.3 APP Control

The HORIZEN E4 breast pump can be controlled via the "HORIZEN" app on your smartphone. This allows for remote control, tracking of pumping sessions, and personalized settings.

Video: Demonstrates connecting the HORIZEN E4 breast pump to the smartphone app and controlling its functions, including mode and intensity adjustments.

1. Download the "HORIGEN" app from your device's app store.
2. Ensure Bluetooth is enabled on your smartphone.
3. Turn on the breast pump.
4. Open the app and follow the on-screen instructions to pair your pump.
5. Once connected, you can control the pump's modes, levels, and track your pumping data.

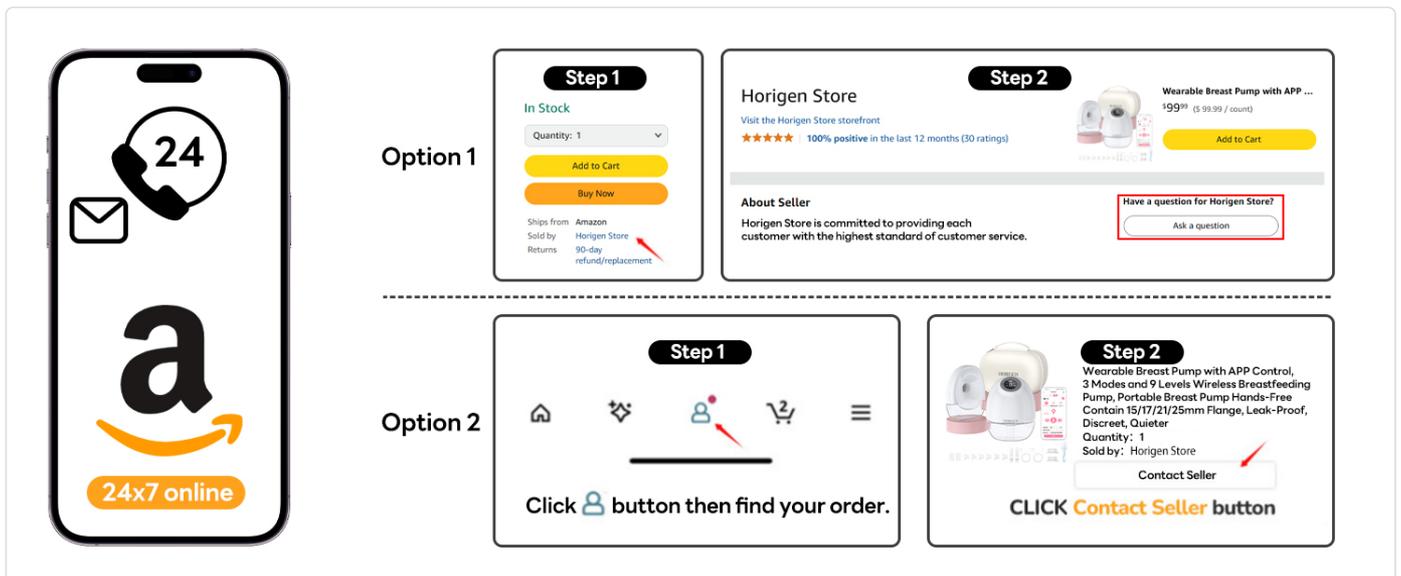


Image: A screenshot of the HORIGEN app interface, showing options for stimulation, expression, and mixed modes, along with intensity levels and a timer.

4.4 Discreet and Portable Use

The compact and quiet design of the E4 allows for pumping in various settings, including at work, while driving, or during daily activities.

Video: Shows a user wearing the HORIGEN E4 breast pump in various scenarios, such as driving, working, and exercising, emphasizing its hands-free and discreet nature.

Whisper Quiet Breast Pump <50 dB



Image: A woman resting on a bed with a sleeping baby, illustrating the quiet operation of the breast pump (less than 50 dB).

5. CLEANING AND MAINTENANCE

Proper cleaning and sterilization of your breast pump parts are essential for hygiene and product longevity.

5.1 Disassembly for Cleaning

Disassemble the washable parts of the pump after each use:

Installation Procedure



① Attach the diaphragm and the silicone valve to the breast shield.



② Push the assembled breast shield into the pump motor until it seals well.



③ Assemble the pump motor and milk collector to ensure secure installation.



④ Push the flange into the Breast Shield, make sure it's aligned and assembled in place.

Image: Shows the breast pump linker, milk collector, valve, diaphragm, and double-layer flange separated for cleaning, emphasizing food-grade safe and BPA-free materials.

Washable Parts:

- Silicone Flange
- Milk Collector
- Diaphragm
- Duckbill Valve
- Breast Shield

5.2 Cleaning Instructions

1. Rinse the disassembled parts with water.
2. Wash with dishwashing soap and warm water (approximately 86°F / 30°C).
3. Rinse the parts thoroughly with water or place them on the top rack of a dishwasher.

5.3 Sterilization Tips

- Sterilize with boiling water for no more than 5 minutes.
- Alternatively, use a steam sterilizer or cold water sterilizing solution.
- After sterilization, dry with a clean cloth and place on a rack to air dry completely.

6. MILK COLLECTION AND FEEDING

6.1 Pouring Milk

After pumping, carefully remove the milk collector from the pump motor unit and pour the expressed milk into a storage container or bottle.



Image: A four-step visual guide showing how to turn off the pump, remove the motor, unscrew the breast shield, and pour out the milk into a bottle.

6.2 Direct Feeding with Converter

The E4 breast pump includes converters that allow you to attach a standard teat (pacifier not included) directly to the milk collector for immediate feeding or convenient storage.



Image: A woman feeding a baby using the milk collector with a nipple attached, demonstrating the direct feeding feature.

7. TROUBLESHOOTING

If you encounter any issues with your HORIZEN Wearable Breast Pump E4, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No suction or weak suction	<ul style="list-style-type: none"> • Improper assembly of parts. • Damaged silicone valve or diaphragm. • Flange not properly sealed to the breast. 	<ul style="list-style-type: none"> • Reassemble all parts, ensuring they are securely connected and aligned. • Check the silicone valve and diaphragm for tears or damage; replace if necessary. • Ensure the flange forms a tight seal around your breast.
Pump not turning on	<ul style="list-style-type: none"> • Low battery. • Power button not pressed correctly. 	<ul style="list-style-type: none"> • Charge the pump for at least 2 hours. • Press and hold the power button for a few seconds until the display lights up.
Milk leakage	<ul style="list-style-type: none"> • Milk collector not securely attached. • Incorrect flange size. • Overfilling the milk collector. 	<ul style="list-style-type: none"> • Ensure the milk collector is firmly twisted onto the pump motor. • Verify you are using the correct flange size for your nipple. • Do not exceed the maximum fill line (180ml) on the milk collector.
Difficulty connecting to APP	<ul style="list-style-type: none"> • Bluetooth is off. • Pump is not turned on. • App needs to be restarted. 	<ul style="list-style-type: none"> • Ensure Bluetooth is enabled on your phone. • Turn on the pump before attempting to connect via the app. • Close and reopen the HORIZEN app.

8. SPECIFICATIONS

- **Model Number:** HNR-US-2249BS1
- **Brand:** HORIZEN
- **Material:** Plastic (BPA-free, Tritan Eco)
- **Number of Items:** 2 (per pack)
- **Color:** White
- **Special Feature:** Wearable, APP Control, 3 Modes, 9 Levels
- **Battery:** 1300 mAh (up to 2 hours use / 6-7 sessions per full charge)
- **Capacity:** 6 ounces (180ml) per milk collector
- **Noise Level:** < 50 decibels
- **Package Dimensions:** 10.87 x 6.97 x 4.09 inches
- **Item Weight:** 2.64 Pounds
- **Manufacturer:** HORIZEN

9. WARRANTY AND SUPPORT

For warranty information, product support, or to purchase replacement parts, please contact HORIZEN customer service. Refer to the product packaging or the official HORIZEN website for the most up-to-date contact details. You can also reach out to the seller directly through your purchase platform for assistance.



Image: Illustrates options for contacting customer support, including through Amazon's order page to contact the seller.