Definition of Terms

Warning
This section describes serious adverse reactions and potential safety hazards, outlines any limitations in use associated with them, and provides recommended steps to follow if such events occur.

Precaution
This section provides information regarding special care or actions that the user should take to ensure the safe and effective use of the device.

Contraindications
This section describes situations in which the device should not be used, because the risks of use clearly outweigh any possible benefits.

- Warning symbols

These symbols indicate instructions that are important for the safety of the user. Failure to follow these instructions may result in injury or damage to the breast pump.

 **Warning** can lead to serious injury or death.



Caution can lead to minor injury.

 **Note** can lead to material damage.

 **Tip** can be useful or important information that is not related to safety.

Glossary of Symbols

Graphic of the symbol	Standard from which the symbol was referenced	Reference/ Registration Number	Symbol Title	Symbol Description
	IEC 60601-1	Table D2-9	General Action sign	General mandatory action sign
	IEC 60601-1	Table D1-20	Type BF	Type BF Applied Part
	IEC 60417	5009	Power On/Off	To identify the switch position by means of which part of the equipment is switched on to bring it into the stand-by condition
	ISO 15223-1:2016	5.3.8	Transport/Storage/ Operation Humidity	Indicates the range of humidity to which the medical device can be safely exposed
	ISO 15223-1:2016	5.3.1	Fragile	Indicates a medical device that can be broken or damaged if not handled carefully
	ISO 15223-1:2016	5.1.3	Date of Manufacture	Indicates the date when the medical device was manufactured
	ISO 70000	0623	This Way Up	Indicates correct upright position of the transport package
	IEC 60601-1	Table D2-2	Danger, Warning	Can lead to serious injury or death
	IEC 60417	5031	DC	Direct current
	ISO 15223-1:2016	5.3.7	Operation Temperature	Indicates the temperature limits to which the medical device can be safely exposed

Glossary of Symbols

Graphic of the symbol	Standard from which the symbol was referenced	Reference/ Registration Number	Symbol Title	Symbol Description
	ISO 15223-1:2016	5.3.4	Keep Dry	Indicates a medical device that needs to be protected from moisture
	EN 50419:2006	-	This product should not be mixed with other commercial wastes for disposal	WEEE-Subject to waste electrical and electronic equipment regulations, i.e. not for general waste
	ISO logo	-	Quality System	These trademarks for the ISO logo
	ISO 7010	P001	General Prohibition Sign	General prohibition sign and template for constructing a prohibition sign
	IEC 60417	5172	Class II	CLASS II equipment
	ISO 15223-1:2016	5.1.1	Manufacturer	Indicates the medical device manufacturer
	ISO 15223-1:2016	5.3.9	Operation Atmospheric Pressure	Indicates the range of atmospheric pressure to which the medical device can be safely exposed
	ISO 15223-1:2016	5.1.7	Serial Number	Indicates the manufacturer's serial number so that a specific medical device can be identified
	ISO 7000	2403	Stacking Limit by Number	To indicate that the items shall not be vertically stacked beyond the specified number, either because of the nature of the transport packaging or because of the nature of the items themselves
	IEC 60601-1	Table D.2-10	Refer to IFU	Refer to Instructions for use that should be followed

Indications for Use

The Zomee Mother's Nature W1 is a powered breast pump to be used by lactating women to express and collect milk from their breasts. The Zomee Mother's Nature W1 is intended for a single user.

Components



a. **Wearable Breast Pump Hub / Motor:** The main unit of the wearable breast pump that generates suction to express milk.

b. **Heated Wearable Size 24mm Breast Shield Flange:** Part of the pump that attaches directly to the breast during pumping.

c. **6oz / 180ml Milk Collectors:** Used to collect and/or store expressed breast milk during pumping.

d. **Duckbill Valves:** Soft silicone component that directs expressed breast milk into the milk collectors while maintaining proper suction.

e. **Diaphragms:** Soft silicone component that prevents breast milk from flowing back into the pump hub/motor.

f. **Breast Shield Flange Inserts (Sizes 15/17/19/21mm):** Soft silicone component that prevents breast milk from flowing back into the pump hub/motor.

g. **Magnetic Charging Cables:** Provides power to the wearable breast pump hub/motor for charging and operation.

h. **Cleaning Brush:** To aid in removing milk residue and debris from the milk collectors and other washable pump components.

i. **Bra Strap Adjusters:** Used to securely attach the W1 wearable breast pump to your body for hands-free pumping.

How to Assemble



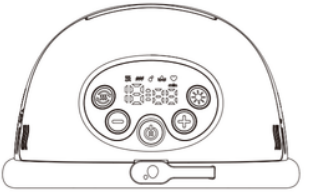
a. Insert the Duckbill Valve (2) to the Milk Collector (3) with the tapered end facing outward.

b. Place the Diaphragm (4) into the Milk Collector (3) and press downwards to ensure secure placement and edges are sealed.

c. To install Flange (1), align the charging pins with the groove on the Milk Collector (3). Ensure the tunnel is fully connected.

d. Align the main body with the silicone Diaphragm (4) and snap together, ensuring a tight seal.

Controls & Modes



a. Power On/Off: Long-press the Power Button to turn the pump on and off, and the pump will start working automatically.

b. To Use Warming: Long-press the Warming Button to activate warming (takes up to 2 min to reach 95°-105° F rotating warmth). Warming will remain for the entirety of a pumping session and can be turned off at any time by pressing the Warming Button.

Please note: Upon power-on, the pump will automatically run through the following sequence: Stimulation Mode (2 min) → Expression Mode (8 min) → 2-Phase Mode (20 min), before shutting down automatically.

c. Stimulation Mode: Fast, gentle cycles to trigger letdown. When in Stimulation Mode the indicator light will be flashing.

d. Expression Mode: Slower, deeper cycles to express milk efficiently. When in Expression Mode the indicator light will remain solid.

e. 2-Phase Mode: Automatically alternates between stimulation and expression modes.
- 5 cycles Stimulation Mode
- 5 cycles in Expression Mode
- 5 cycles Stimulation Mode
- 5 cycles in Expression Mode

f. BioBoost Mode: Mimics a baby's cluster feeding to increase milk supply.
- 2 mins in Stimulation Mode
- 5 mins in Expression Mode
- 2 mins in Stimulation Mode
- 5 mins in Expression Mode

g. Adjust Suction Level: Each mode has 12 suction levels, shown on the level display from left (lowest) to right (highest).
- Press + to increase intensity
- Press - to decrease intensity
- Choose the level that feels most comfortable for you

Usage Safety: Stop using the pump immediately if you experience pain or discomfort while pumping.

Before Starting Your Pumping Session

1. Relax and prepare mentally:
- Clear your mind and listen to relaxing music.
- If your baby is not present, looking at pictures or videos of your baby may help stimulate milk flow.
2. Sit comfortably:
- Use a comfortable chair and, if needed, support your lower back with a pillow.
3. Stimulate the letdown reflex:
- Gently massage your breasts in a circular motion from the chest wall toward the nipple.
- Applying a warm compress to your breasts prior to pumping may also help trigger letdown.
4. Wash your hands thoroughly with soap and water before handling the pump or your breast.

Getting stared

- Wash your hands thoroughly and wipe your breast with a warm towel before pumping.
- Attach the breast pump to your breast. Ensure that the nipple is centered in the breast shield flange tunnel. If a tighter fit is needed, use the bra strap adjusters included.
- Press the power button to turn on the pump.
- Activate the warming feature by pressing and holding the Warming Button. The pump will take up to 2 minutes to reach 95°–105°F. Warming will remain on for the entire pumping session and can be turned off at any time by pressing the Warming Button again.
- Upon power-on, the pump will automatically run through the following sequence:
- Stimulation Mode: 2 minutes
- Expression Mode: 8 minutes
- 2-Phase Mode: 20 minutes
- The pump will shut down automatically at the end of the session.
- Ending your pumping session:
- Lower the suction level and turn off the pump.
- Lean forward slightly and insert a finger between the flange and your breast to gently separate the pump.
- Breast milk handling: You can feed the freshly pumped milk immediately or transfer it to a feeding bottle or breast milk storage bag for later use.

Sanitizing & Cleaning

How to clean:

- Never wash the pump hub/motor. Wipe it clean with a dry, clean towel only.
- Washable components (Breast Shield Flanges, Duckbill Valves, Diaphragms, Milk Collectors) should be separated from the pump and cleaned with warm, soapy water.
- Rinse thoroughly and dry completely before reassembling.

Handwashing Instructions: Recommend Daily

1. Wash your hands thoroughly with soap and water before starting.
2. Separate all washable parts from the pump unit.
3. Rinse parts under running water to remove any milk residue.
4. Use a clean wash basin dedicated to cleaning infant feeding items. Do not wash directly in the sink, as it may contain germs that could contaminate components.
5. Fill the basin with warm water and a mild dish soap.
6. Scrub components carefully using the provided cleaning brush, taking care not to tear soft silicone parts (Duckbill Valves, Diaphragms).
7. Rinse parts thoroughly under running water.
8. Allow parts to air-dry completely on a clean paper towel in a low-traffic area, away from dirt and dust.

   Important: Do not immerse or wash the pump hub/motor; wipe it dry with a clean towel only.

Dishwasher Instructions:

1. Rinse washable parts (Breast Shield Flanges, Duckbill Valves, Diaphragms, Milk Collectors) under running water before placing them in the dishwasher.
2. Place parts on the top rack only.
3. Washable pump parts are dishwasher safe; however, hand washing is recommended for daily cleaning to minimize unnecessary warping or heat-related damage.

   Important: Do not place the pump hub/motor in the dishwasher. Wipe it clean with a dry towel only.

Sanitizing & Cleaning

Sanitizing Instructions: Before the First Use

1. Separate all washable parts (Breast Shield Flanges, Duckbill Valves, Diaphragms, Milk Collectors).
2. Place the components in a pot and cover with water.
3. Bring the water to a boil and allow parts to boil for 5 minutes.
4. Carefully remove parts using clean tongs.
5. Allow parts to air-dry completely on a clean paper towel in a low-traffic area, protected from dirt and dust.

Important: Do not boil the pump hub/motor. Wipe it clean with a dry towel only.

⚠ **Warning**: Exceeding recommended boiling times or exposing accessories to heat for extended periods may cause damage.

Tip: Do not expose silicone parts (such as Duckbill Valves and Diaphragms) to high heat, as this may cause melting, warping, or other damage.

Warnings

Warning: Exceeding recommended boiling times or exposing accessories to heat for extended periods may damage the components.

Tip: Do not expose silicone parts (such as Duckbill Valves and Diaphragms) to high heat, as this may cause melting, warping, or other damage.

Note: The above guidelines apply to healthy, full-term babies. If your baby was born prematurely, has a weakened immune system due to illness, has other health challenges, or is hospitalized, always follow the recommendations of the hospital and your child's healthcare provider.

Contraindications:

- No known contraindications

Warnings:

- If you are a mother who is infected with Hepatitis B, Hepatitis C or Human Immunodeficiency Virus (HIV), pumping breast milk will not reduce or remove the risk of transmitting the virus to your baby through your breast milk.
- Powered breast pumps that are designed for single users should never be rented or shared.
- Pregnant women should not use the breast pump, as pumping can induce contractions or premature labor.

Important Safeguards:

- Before each use, visually inspect all components for cracks, tears, discoloration, or other signs of deterioration. If any damage is observed, discontinue use immediately until the affected parts have been replaced.

READ THIS ENTIRE MANUAL BEFORE USING PUMP AND KEEP IT FOR FUTURE REFERENCE.

When using electrical products, basic safety precautions should always be followed.

Warnings

TO REDUCE THE RISK OF ELECTRICUTION:

- Do not use the pump while bathing or near water.
- Do not place or store the product where it could fall into water or other liquids.
- Do not immerse the pump unit in water or any other liquids.
- Never reach for the pump if it falls into water or other liquids. Unplug the product immediately before attempting to retrieve it.
- Always unplug the pump and power adapter immediately after use.
- Inspect cords and electrical components before each use. Do not use the pump if there is any damage, including:
- Damaged insulation
- Exposed wiring
- Kinking, abrasion, or other mechanical damage
- Never attempt to operate a damaged pump or power adapter.

TO REDUCE THE RISK OF BURNS, ELECTRICUTION, FIRE, OR INJURY TO PERSONS:

- Never leave the pump unattended when it is plugged into an electrical outlet.
- Do not leave the pump unattended around infants or children. Close supervision is required when the pump is used near infants or children.
- Use this product only for its intended purpose as described in this manual. Do not use attachments or accessories not recommended by Zomee.
- Do not operate the pump if the power cord or plug is damaged.
- Do not use the pump if it is not functioning properly, has been dropped or damaged, exposed to water, or if any parts are broken or missing.
- Keep the power cord away from heated surfaces to prevent damage.
- Never use the pump while driving, sleeping, or when drowsy.
- Do not use the pump outdoors, near aerosol sprays, or in areas where oxygen is being administered.
- Do not disassemble or modify the pump.
- Keep small parts out of reach of children. Do not place parts in the mouth or inhale/swallow them.
- Allergic reactions are possible. If any allergic reaction occurs, discontinue use immediately and consult a healthcare provider.
- Store the pump properly—away from excessive lint, dust, sunlight, or other environmental hazards. Improper storage may adversely affect the safety and essential performance of the device.

Warnings & Precautions

Additional Safety Precautions:

- The power adapter must be positioned so that it is easy to unplug from the power outlet in case of emergency.
- Use only the power adapter supplied with the Zomee W1 breast pump. Before use, ensure that the voltage of your power source matches the specifications of the adapter.
- This product is not approved for use on airplanes.
- When connecting the pump for use or charging, plug the power cord into the breast pump first, then into the wall outlet.
- After cleaning, dry all components thoroughly. Do not store wet or damp parts, as this may promote mold growth.
- Always unplug the pump unit before cleaning.
- Do not use while pregnant, as pumping may induce labor.
- Always disconnect the pump from the charger before operating the device.

Precautions:

- If discomfort is felt during pumping, release suction by inserting a finger between the breast and the flange.
- If irritation or persistent discomfort occurs, discontinue use immediately and consult a healthcare provider.
- Before each use, visually inspect all components for cracks, tears, discoloration, or other signs of deterioration. If any damage is observed, discontinue use until the affected parts have been replaced.
- If the power adapter casing or wiring becomes loose, separated, or frayed, stop using the adapter immediately and contact the manufacturer for guidance.
- Stop using the device immediately if you notice smoke, burning smell, or unusual heat from the pump unit or power adapter, and contact the manufacturer.

Breastmilk Storage

Following recommended storage and preparation techniques can maintain the safety and quality of expressed breast milk for the baby's health.

STORAGE RECOMMENDATION OF FRESHLY EXPRESSED BREAST MILK
Guidelines for Healthy, Full-Term Babies

	Storage Location and Temperatures		
Type of Breast Milk	Countertop 77°F (25°C) or colder (room temperature)	Refrigerator 40°F (4°C)	Freezer 0°F (-18°C) or colder
Freshly Expressed or Pumped	Up to 4 Hours	Up to 4 Days	Within 6 months is best Up to 12 months is acceptable
Thawed, Previously Frozen	1–2 Hours	Up to 1 Day (24 hours)	NEVER refreeze human milk after it has been thawed
Leftover from a feeding **(baby did not finish the bottle)**	Use within 2 hours after the baby is finished feeding		

Source: CDC - Human Milk Storage Guidelines (https://www.cdc.gov/breastfeeding/recommendations/handling_breastmilk.htm)

- Storage times may vary for premature or sick babies. Please contact your health care provider for instructions.
- When storing breast milk, use breast milk storage bags, which are made for freezing human milk. You can also use clean glass or hard BPA-free plastic bottles with tight-fitting lids. Do not use containers with the recycle number 7, which may contain BPA. Do not use disposable bottle liners or other plastic bags to store breast milk.
- Write the date on the storage container. Include your child's name if you are giving the milk to a childcare provider.

How to Thaw & Use Stored Breastmilk

Here are the Centers for Disease Control (CDC) -recommended ways to thaw and use stored breast milk safely:

Best ways to thaw breast milk (CDC)

1. Thaw in the refrigerator (safest method)
   - Move frozen milk to the fridge
   - It will thaw slowly (often takes 12–24 hours)
2. Thaw under warm running water
   - Hold the container under lukewarm to warm running water
   - Or place it in a bowl of warm water
3. Use a warm water bath
   - Put the sealed milk container in a bowl of warm water
   - Swirl gently to mix

What NOT to do (CDC)

- Do not microwave breast milk (can create hot spots and destroy nutrients)
- Do not boil breast milk
- Do not refreeze milk once it has been thawed

How to use thawed breast milk safely

Mixing

- Breast milk may separate into layers (fat rises to the top)
- Gently swirl (don't shake hard)

Time limits (important CDC guidance)

- Thawed in the fridge: use within 24 hours
- Thawed using warm water / room temp: use within 2 hours
- Leftover after baby drinks from bottle: use within 2 hours, then discard

World Health Organization (WHO) Feeding Recommendations

WHO's core feeding guidance prioritizes breastfeeding to optimize infant health:

- Exclusive breastfeeding is recommended for the first 6 months of life (no other food or drink–not even water).
- Breastfeeding should continue along with appropriate complementary foods up to 2 years of age or beyond.

Troubleshooting

Issue:	Possible Causes:	Solutions:
Pump Will Not Turn On	· Battery is fully discharged · Charging cable is not connected properly · Charging cable or power source is damaged	· Charge the pump using the provided magnetic charging cable. · Confirm the cable is securely attached to the pump. · Try a different wall outlet or power adapter. · If the pump still does not
Pump Turns Off Unexpectedly	· Battery is low · Automatic shut-off feature activated · Device malfunction	· Recharge the pump fully before use. · Restart the pump and confirm normal operation. · If the issue continues, discontinue use and contact
Weak or No Suction	· Duckbill valve is damaged, worn, or not installed correctly · Diaphragm is not sealed properly · Parts are not assembled correctly · Breast shield flange is not fitted properly · Milk collector is not	· Check that all parts are assembled correctly and securely. · Inspect the duckbill valve for tears, warping, or residue buildup. Replace if damaged. · Ensure the diaphragm is properly seated and sealed. · Ensure the flange fits comfortably and the nipple
Milk Leaking from the Pump	· Pump is not positioned correctly · Milk collector is overfilled · Components are not sealed properly · Duckbill valve or diaphragm is damaged	· Ensure the pump is upright and positioned correctly in the bra. · Do not exceed the maximum fill line of the milk collector. · Reassemble parts and ensure all seals are secure. · Replace worn or damaged duckbill valves or

Troubleshooting

If suggested solution does not resolve the issue, turn off pump, stop pumping, and break suction to remove flange.

If your pump appears to be malfunctioning, contact The Mom Line Team at support@zomee.com.

If you have questions on how to properly use your pump or on lactation issues, consult a lactation or health professional. You can make an appointment with one of our lactation consulatants for an online consult at support@zomee.com. If pain persists, seek medical attention from a qualified health professional.

Use & Storage Environment

Condition	Operating Conditions	Transport Conditions	Storage Conditions
Temperature	50°F to 104°F (10°C to 40°C)	-4°F to 140°F (-20°C to 60°C)	-4°F to 140°F (-20°C to 60°C)
Relative Humidity	15% to 90% RH (non-condensing)	10% to 95% RH (non-condensing)	10% to 95% RH (non-condensing)
Atmospheric Pressure	700 hPa to 1060 hPa	500 hPa to 1060 hPa	500 hPa to 1060 hPa
Environment	Indoor use only (home environment	Protect from moisture and physical	Clean, dry location away from
Water Protection	Not waterproof. Do not	Keep dry. Avoid exposure to	Keep dry. Do not store in damp

Notes

- The Zomee W1 wearable breast pump is intended for use in a typical home environment.
- Do not use or store the device in conditions outside of the ranges listed above.
- Improper environmental conditions may adversely affect the safety and essential performance of the breast pump.

Technical Specifications

Protection Type: Class II
Weight: 0.62oz
Power consumption: 4W
Expected ZOMEE W1 service life is 2 years.

The following adapter must be used:
Manufacturer: Shenzhen Flypower Technology Co., Ltd.
Model: PSIOUA050K20000UU
Input: 100-240V-50/60Hz 0.35A Max.
Output: 5.0V⎓2.0A 10.0W
Battery: Li-Plymer 3.7V 1,500mmAh

Type of protection against electric shock: Class II equipment.
Degree of protection against electric shock: Type BF applied parts.
Classification according to the degree of protection against ingress of water: IP22.
This equipment is not suitable for use in the presence of flammable anesthetics or oxygen.
Mode of operation: continuous operation.

Warranty

This product is warranted by Zomee Breast Pumps to the original purchaser to be free from defects in materials and workmanship for a period of two (2) years for the pump mechanism and ninety (90) days for all other parts and accessories, beginning on the date of purchase. In the event of a defect or failure to conform to this warranty, Zomee, at its sole discretion, will repair or replace the product without charge for parts or labor at a Zomee-authorized service location.

The purchaser is responsible for all costs and risks associated with returning the product to Zomee, including shipping, packing, insurance, and risk of loss prior to receipt by Zomee.

This warranty does not cover damage or malfunction resulting from misuse, abuse, alteration, improper maintenance, failure to follow the instructions in the user manual, or use of unauthorized accessories. Without limiting the foregoing, damage caused by bending, dropping, or visible cracking of the product housing will be presumed to result from misuse or abuse. Accessories not expressly manufactured by Zomee and attached to the product will immediately void this warranty.

To the extent permitted by applicable law, Zomee's sole obligation under this limited warranty is the repair or replacement of a defective product covered by this warranty.

EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, all implied warranties, including warranties of merchantability and fitness for a particular purpose, are limited in duration to the term of this limited warranty. Zomee shall not be liable for any incidental, consequential, special, or punitive damages arising from misuse, neglect, failure to follow instructions, use of improper accessories, or breach of this warranty or any implied warranty. Some jurisdictions do not allow limitations on incidental or consequential damages, so these limitations may not apply to you. There are no warranties other than those expressly stated herein. Any oral, written, or other representations not expressly included in this warranty are hereby disclaimed.

Warranty Service

For warranty service or replacement parts, please contact Zomee Mom Line ™

Call: 1-888-662-7159

Email: support@zomee.com

Zomee Breast Pumps
2700 Gateway Drive, Unit A
Pompano Beach, FL 33069

Zomee Support and The Mom Line™
1-888-662-7159
support@zomee.com

Electromagnetic Compatibillty (EMC)

This equipment needs to be installed and put into service in accordance with the information provided in the user manual.

Wireless communications equipment (e.g., wireless home network devices, mobile phones, cordless telephones and their base stations, and walkie-talkies) may affect the performance of this device. Keep such equipment at least 1.0m away from this device during operation.

This wearable breast pump has been tested and found to comply with the electromagnetic compatibility (EMC) limits for medical electrical equipment in accordance with IEC 60601-1-2:2014. These limits are designed to provide reasonable protection against harmful electromagnetic interference in the home healthcare environment.
This equipment generates, uses, and may radiate radio frequency (RF) energy and, if not used in accordance with the instructions, may cause harmful interference to nearby electronic devices.

However, there is no guarantee that interference will not occur in a particular installation or use environment. If this equipment does cause harmful interference to other devices, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the affected device.
- Increase the separation distance between this breast pump and the affected device.
- Connect the equipment to an electrical outlet on a different circuit from the affected device.
- Move or switch off nearby wireless communications equipment (such as mobile phones, Wi-Fi routers, cordless phones, or walkie-talkies).
- Contact the manufacturer or a qualified service technician for assistance.

To reduce the risk of electromagnetic interference, keep portable RF communications equipment (including antennas and cables) at least 1.0 m away from this wearable breast pump during operation.

Essential Performance:
Vacuum level setting: Expected value +/- 50mmHg (Max. 300mmHg)
Cycle setting: Expected value +/- 10%
Backflow protection: Backflow mechanism works at all stages of the pumping session whether the milk collection container is full or not.

This equipment has been evaluated for immunity to electromagnetic disturbances in accordance with applicable EMC requirements and has met the specified performance criteria. Performance criteria include evaluation for component failures, changes in programmable parameters or operating modes, interruption or cessation of intended operation, and initiation of unintended operation.

Electromagnetic Compatibility (EMC)

1. Guidance and manufacturer's declaration - Electromagnetic emissions.

Emissions Test	Compliance	Electromagnetic Environment – Guidance
RF emissions (CISPR 11)	Group 1	The wearable breast pump uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions (CISPR 11)	Class B	The wearable breast pump is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions (IEC 61000-3-2)	Not applicable	Not applicable (battery-powered equipment / does not connect directly to AC mains during operation).
Voltage fluctuations / flicker emissions (IEC 61000-3-3)	Not applicable	Not applicable (battery-powered equipment / does not connect directly to AC mains during operation).

⚠ **Warning**: Use of this equipment adjacent to or stacked with other electronic equipment should be avoided, as it may result in improper operation. If such placement is necessary, both this equipment and the other equipment should be observed to ensure they are operating normally.

Electromagnetic Compatibillty (EMC)

2. Guidance and manufacturer's declaration - electromagnetic immunity.

Immunity Test	Test Level	Compliance / Performance	Guidance for Home Use
Electrostatic discharge (ESD) IEC 61000-4-2	±8 kV contact, ±15 kV air	Pass – normal operation maintained	Typical home static electricity should not affect operation. Avoid touching connectors during operation if hands are statically charged.
Radiated RF immunity IEC 61000-4-3	3 V/m, 80 MHz – 2.7 GHz	Pass – no degradation of performance	Use near standard home wireless devices (Wi-Fi routers, cordless phones, mobile phones) is acceptable. Maintain ≥1.0 m separation from high-power RF sources.
Electrical fast transients / bursts IEC 61000-4-4	±2 kV power lines	Pass – no unintended operation	Battery-powered operation minimizes susceptibility. Ensure proper charging accessories are used.
Surge immunity IEC 61000-4-5	±1 kV line-to-line, ±2 kV line-to-earth	Pass – normal operation maintained	When charging via AC adapter, use standard domestic outlets. Avoid extreme power surges.
Conducted RF IEC 61000-4-6	3 V, 150 kHz – 80 MHz	Pass – normal operation maintained	Operation near typical home electronics is acceptable.
Power frequency magnetic field IEC 61000-4-8	30 A/m, 50/60 Hz	Pass – no performance degradation	Normal household magnetic fields will not affect operation.
Voltage dips, short interruptions IEC 61000-4-11	0%, 70%, 100% dips	Pass – temporary interruption acceptable	Battery operation ensures pump continues operation during short AC interruptions; resume normal use afterward.

This wearable breast pump is intended for use in the electromagnetic environment specified below. The user should ensure that it is used in such an environment. The breast pump has been tested for immunity to electromagnetic disturbances and meets the performance criteria defined in IEC 60601-1-2:2014.

Electromagnetic Compatibillty (EMC)

3. Immunity to proximity fields from RF wireless communications equipment.

Test/ Equipment Test	Requency Range	Test Field Strength	Compliance/ Performance	Guidance for Home Use
RF wireless communication equipment – Mobile phones (GSM, 3G, 4G, 5G)	800 MHz – 2.7 GHz	3 V/m	Pass – no degradation of performance	Keep at least 1.0 m (3.3 ft) from the wearable breast pump during operation. Normal mobile phone use in the home environment is acceptable.
Cordless telephones (DECT)	1.88 – 1.90 GHz	3 V/m	Pass – no degradation of performance	Maintain ≥1.0 m distance from base station or handset to the pump.
Wireless LAN / Wi-Fi routers (IEEE 802.11b/g/n/ac)	2.4 GHz – 2.5 GHz	3 V/m	Pass – no degradation of performance	Typical home Wi-Fi operation is safe if pump is ≥1.0 m away from router.
Bluetooth devices	2.4 GHz – 2.4835 GHz	3 V/m	Pass – no degradation of performance	Normal Bluetooth use (headsets, speakers, phones) is acceptable; maintain 1.0 m separation if possible.
Walkie-talkies / PMR radios	150 – 174 MHz	3 V/m	Pass – no degradation of performance	Keep ≥1.0 m separation during operation.

These separation distances are recommended to reduce the risk of electromagnetic interference.
In case of suspected interference, observe device operation and relocate devices if necessary.
Only use manufacturer-approved accessories to maintain immunity performance.