HORIGEN

Wearable Breast Pump

Wearable, silent, hands-free, comfortable

XN/MD-6601A

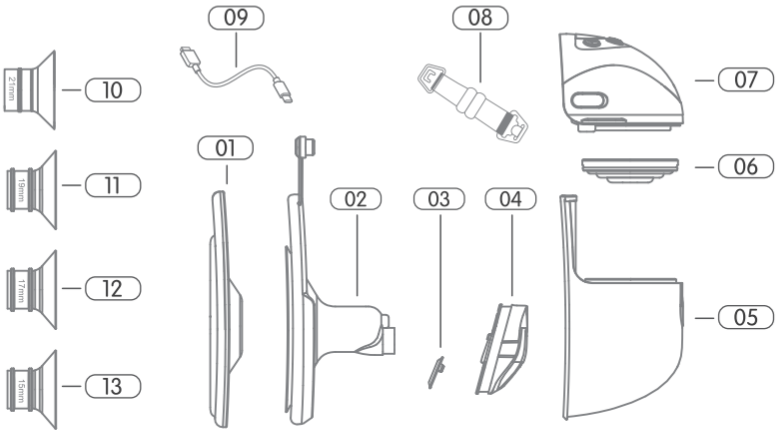


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1. PRODUCT DESCRIPTION

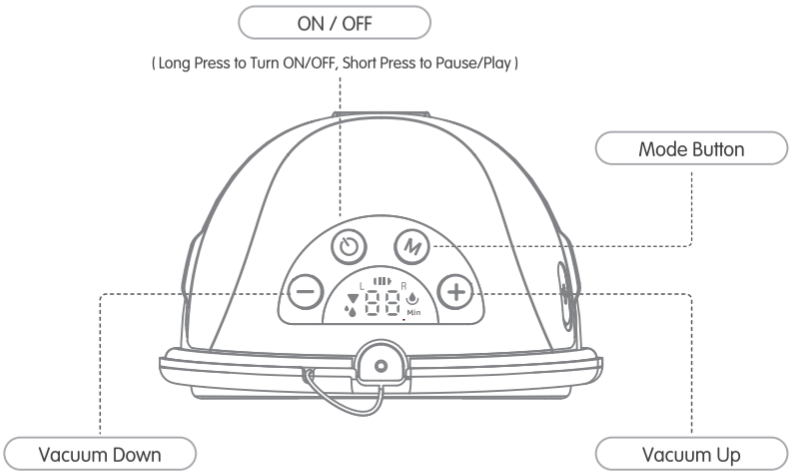
1.1 PARTS



01	Dust Cover	PP	08	Bra Adjuster	/
02	24mm Cushion	SIL+PPSU	09	Type-C Charging Cable	/
03	Valve	SIL	10	21mm Cushion Insert	SIL
04	Valve Plate Base	PP+TPE	11	19mm Cushion Insert	SIL
05	180ml Milk Collector	PP	12	17mm Cushion Insert	SIL
06	Diaphragm	SIL	13	15mm Cushion Insert	SIL
07	Pump Motor	/			

1. PRODUCT DESCRIPTION

1.2 BUTTONS CONTROL



Note:

- This product has a built-in lithium-ion battery. When the battery indicator light shows only 1 grid, we recommend you that use a certified 5V 1A Power Adapter to charge the pump motor till it's fully charged.
- When the battery indicator light flashes during the working process, indicates that the pump motor should be charged as soon as possible.

2. INTENDED USE

2.1 INDICATIONS FOR USE

Powered breast pump, to express and collect milk from lactating women, to alleviate engorgement of the breast, maintain the ability of lactation, and provide mother's milk for future feedings when separation of mother and baby occurs. The device is intended for a single user.

2.2 OPERATING LIFE

- The operating life of the Device is defined to be not less than 500 hours.
- The expected operating life of the replaceable washable components is three-six months. It also depends on how frequently the parts are used and washed.
- It's recommended to replace the washable components after long-term storage or before pumping for your next child.

3. SAFETY

3.1 WARNINGS

- This is a single-user product, use by more than one personal may present a health risk and voids the warranty.
- It's recommended you consult with a licensed healthcare professional before using this wearable pump if you have an active implanted device that would be affected by a magnetic field (e.g. pacemaker, implantable cardioverter defibrillator).
- Inspect for damage, clean and sterilize washable components that come into contact with your breast and breast milk prior to first use.
- Clean all parts that come into contact with your breast and breast milk, and inspect for damage after every use.
- During normal use, area of the wearable pump may warm up. If your pumping environment is at the upper operating temperature limit (+30˚C / +86˚F) for the maximum session time (30 minutes), the temperature of the Cushion may reach up to +45˚C / + 113˚F.
- Do not store wet or damp parts, as mold may develop.
- Do not immerse the Pump Motor in water or other liquids. Wipe with a clean, damp cloth.
- This product contains small parts and a cable that may present a hazard. Keep out of reach of children.
- Only use the manufactured parts with this wearable pump, including the charging cable, do not substitute.
- It's recommended to use an adaptor compatible with both IEC60601-1 and your regional power source.

3. SAFETY

3.2 PRECAUTIONS

- **Personal Use Only:** This product is intended for individual use. Do not share with others to avoid potential health issues.
- **Component Check:** Before each use, inspect all breast pump components and connections for any damage, cracks, or sharp edges. Replace any damaged parts immediately.
- **Adapter Requirement:** The package does not include an adapter. Please use a compliant adapter with an output of 5V 1A.
- **Unplug After Use:** After each use or charging session, unplug the adapter from both the power socket and the Pump Motor.
- **Cleanliness:** Ensure that the diaphragm and Pump Motor are clean and free of liquids during use.
- **Cleaning Restrictions:** Do not use a dishwasher, microwave, or pressure cooker to disinfect any components. The Pump Motor should not be submerged in water.
- **Storage:** Store the product at room temperature, away from direct sunlight, and out of reach of children.
- **Heat and Flame Safety:** Keep the Pump Motor away from high temperatures and open flames to prevent the risk of fire or explosion.
- **Battery Warning:** Do not disassemble the lithium battery.
- **Repair Instructions:** If the Pump Motor malfunctions, do not attempt to repair it yourself. Contact a designated service center for professional repair or replacement.
- **Original Parts Only:** Only use original parts and accessories from the manufacturer.
- **Long-Term Storage:** If the product is not used for an extended period, charge it every three months to maintain battery health.
- **Design Changes:** The company reserves the right to make design changes to the product.

4.GETTING STARTED

4.1 CLEANING AND STERILIZING

- For the first time and after each use, you must disassemble, wash and sterilize all the breast pump parts that come into contact with breast milk.
- Disassemble and clean the parts come into contact with breasts and breast milk immediately after use to avoid residual breast milk that may cause bacteria to grow.
- Take care when cleaning the silicone cushion and diaphragm and valve, if it gets damaged, your breast pump will not function properly.
- Never wash or sterilize the pump motor, this component does not come into contact with your breast milk. You can wipe this part clean with a soft cloth.



Do not get wet!



- The Pump Motor contains electronics that should be kept dry. A clean, damp cloth can be used to clean the Pump Motor. Any other cleaning method will be classed as misuse under the warranty.

Washable components



21mm Cushion Insert



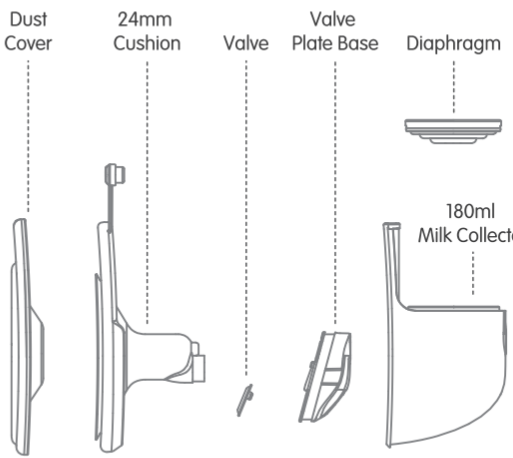
19mm Cushion Insert



17mm Cushion Insert



15mm Cushion Insert



- Clean all washable components that come into contact with milk to prevent the build-up of dry milk residue. Because milk residue may cause the growth of bacteria and may be harmful to health.

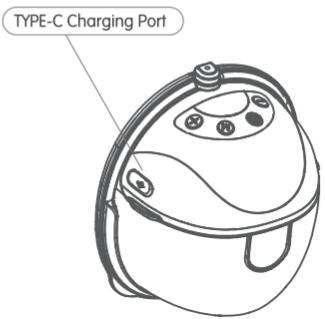
⚠ WARNINGS: Please take care of it during washing and sterilizing.

4.GETTING STARTED

Clean washable components	Sterilize washable components
1. Rinse in cold, clear water (approx +20˚C / +68˚F). 2. Wash in warm water(approx +30˚C / +86˚F) using milk dish washing soap and wipe afterwards with a clean cloth. 3. Rinse with cold, clear water (approx +20˚C / +68˚F) for 10 to 15 seconds. OR Place on the top shelf of the dishwasher	Boil in water for not more than five minutes OR Suitable for steam or cold water sterilizing methods. We do not recommend to sterilize in steam sterilizer and microwave.

4.2 CHARGING

- When the battery is low in working process, the battery indicator light will flash.
- When charging, the indicator will light up and the pump will not turn on. Use the charging cable to connect the pump motor to a USB power source (**5V 1A**), such as your phone plug.
- When fully charged, the battery indicators all light up. It takes approximately 2 hours to fully charge the battery, which provides approximately 2.5 hours usage time at standard settings.



* Please only use the charging cable provided with the wearable pump.
Do not use the wearable pump while charging.

TIP:

- Charge immediately after finishing your pumping session if lower battery is indicated.

4.3 BREAST CUSHION / INSERTS SIZING

This wearable pump comes with preassembled silicone cushion in 24mm and four additional silicone inserts in size of 21mm, 19mm, 17mm and 15mm, so you can find a silicone insert fit that is comfortable for you.

Standard cushion



24mm

Available accessories included in the box



15mm



17mm



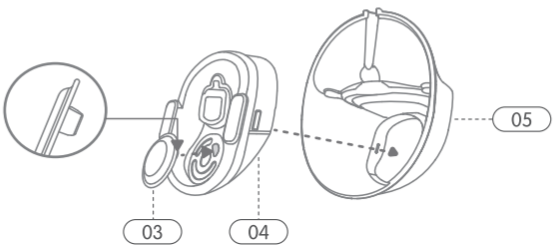
19mm



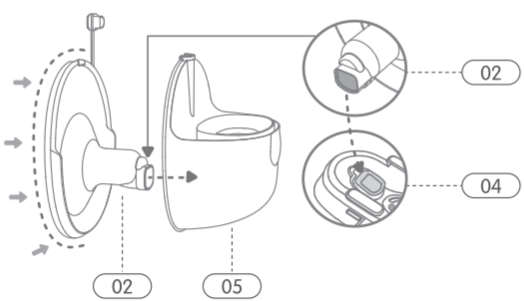
21mm

4.4 ASSEMBLING THE PUMP

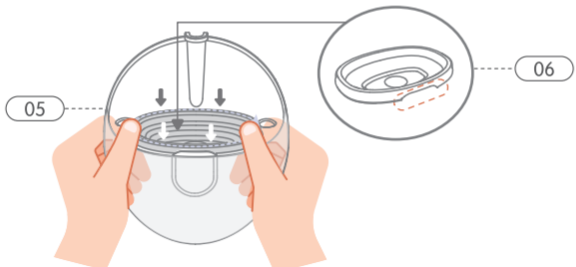
1. Insert the Valve (03) into the Valve Plate Base (04) at the milk outlet, Make sure there are no gaps.
2. Attach valve plate seat (04) to the milk collector (05).



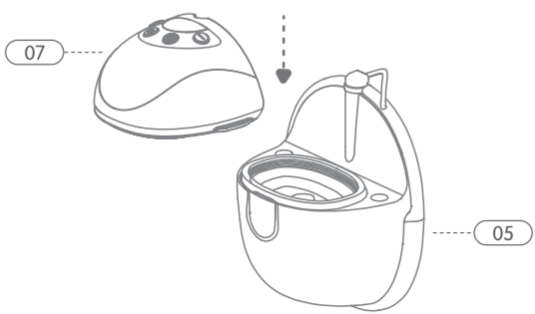
3. Insert the hard plastic part of the cushion (02) into the Valve Plate Base (04), and then, attach the soft silicone part of the cushion (02) onto the Milk Collector (05).



4 Place the Diaphragm (06) onto the designated area on the Milk Collector (05).

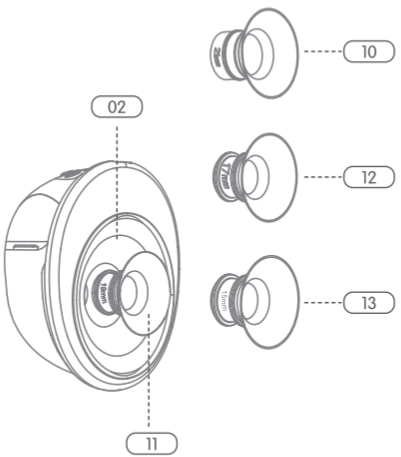


5 Attach the Pump Motor (07) to the Milk Collector (05) assembly, Ensure the Pump Motor is properly seated and the diaphragm is securely pressed into place.



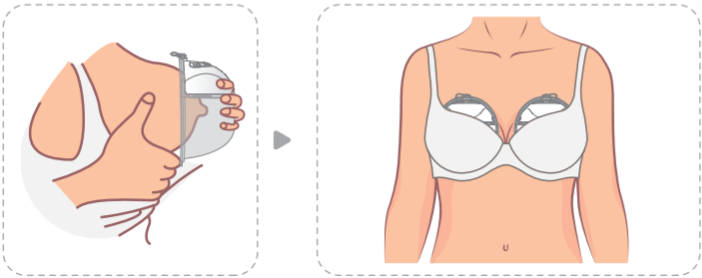
4.GETTING STARTED

6 According to your needs, you can choose from 15mm, 17mm, 19mm, or 21mm Cushion Insert and insert them into the center of the 24mm Cushion (02).

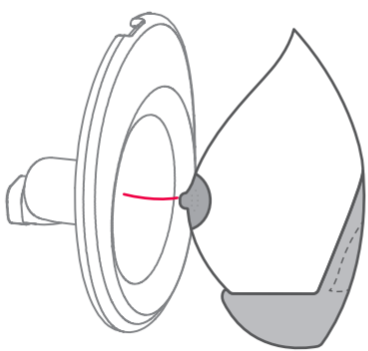


5. USING WEARABLE PUMP

5.1 ALIGNING YOUR NIPPLE



Correct nipple alignment in the Silicone Cushion is key to comfort, expression and performance. Your nipple must be positioned correctly in the Silicone Cushion tunnel before pumping to avoid discomfort.



5. USING WEARABLE PUMP

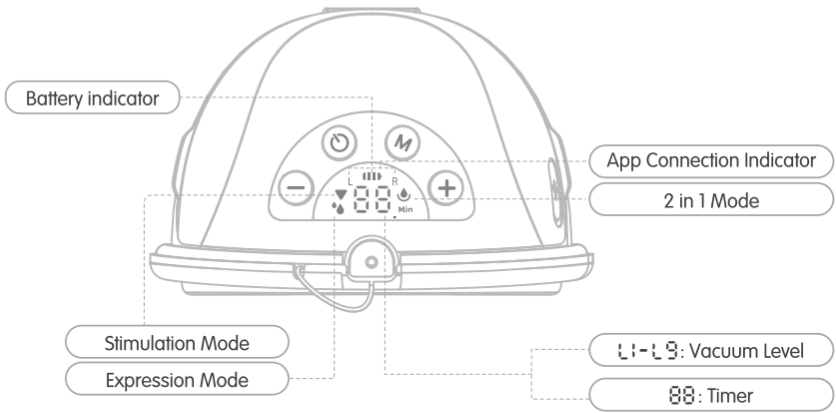
5.2 FINDING THE RIGHT COMPRESSION

- This Wearable Pump is designed to be worn with your standard nursing bra and you can use it in either a sitting or standing position.
- Getting the right compression could impact milk volumes. This Wearable Pump needs to be firmly pressed against your breast, there should be no gaps between this wearable pump and your breast.
- Every bra has a different level of support, so make sure to get the compression right before each session. If you are using a particularly structured and inflexible bra, the included Bra Adjuster may be used to create more room.
- Once the buckle of each end is hung on the nursing bra, adjust the length of bra adjuster to make more comfortable.



5. USING WEARABLE PUMP

5.3 STARTING YOUR SESSION



ON/OFF

Long press " ⏻ " button to switch the pump on.

Each time you power on the device, it defaults to the first level of the Stimulation mode. After turning on, Switching to other modes will also start from the first level.

During working status, short press " ⏻ " button to Play/Pause if you need to pause pumping. (if the pause lasts more than 5 minutes, the device will automatically shut down and enter standby mode.)

APP function:

When you connect the APP on the left of the pump , the "L" will be light up.

When you connect the APP on the right of the pump, the "R" will be light up.

When you connect the APP of left and right side , the "L" and "R" will be light up at the same time.

5. USING WEARABLE PUMP

MODE

3 modes: Stimulation Mode Expression Mode 2 in 1 Mode

What is 2 in 1 mode: it is 5 x Stimulation + 5 x Expression as one cycle and looping.

In working mode, press the mode button "M" to switch between different modes.

VACUUM LEVELS

The pump has 9 vacuum levels, from L1 to L9 , giving you control over what feels comofortable and works most efficiently in Stimulation and Expression and 2 in 1 modes.

Once you can feel the suction on your nipple, use " − " or " + " to adjust vacuum to find your preferred setting in all modes.

TIMER

When start working, Timer would starts from 1s to 59s; when it reach 1min, it would show 1 min to 30 min and indicate the duration of the pumping session.

After 30 minutes ,the pump will automatically switch off.

ENDING YOUR SESSION

Long press the Power button " ⏻ " to stop pumping and switch off.

Unclip your bra and use your finger to break the cushion around your nipple to avoid nipple damage.

Remove the Wearable Pump from your bra.

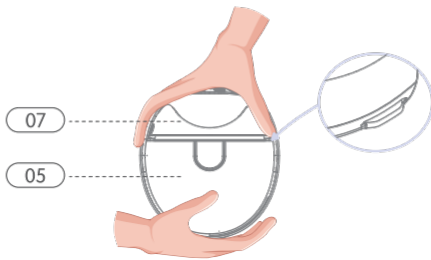
AUTO SHUT OFF WHEN BREASTMILK IS FULL

When the milk container is full of breast milk, the breast pump sensor will detect it and automatically enter pause mode to prevent breastmilk from overflowing.

* If you experience difficulty during pumping, try to relax your body. If you feel discomfort, consult a healthcare professional.

5.4 HOW TO DISASSEMBLE?

Hold the protruding parts located on each side of the pump motor (07), then separate the pump motor from the milk collector (05).



5.5 STORING YOUR MILK

Ensure that you hold the milk collector (05) in the correct orientation when pouring out the milk. Then pour the milk out of the flange tunnel.



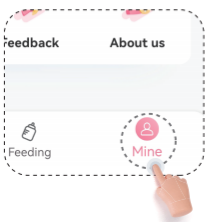
6. APP CONTROL

6.1 DOWNLOAD THE APP

Please scan the code, download the APP and install the APP.

6.2 ADD BABY INFO

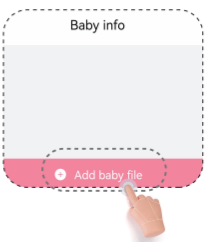
1 Click "Mine"



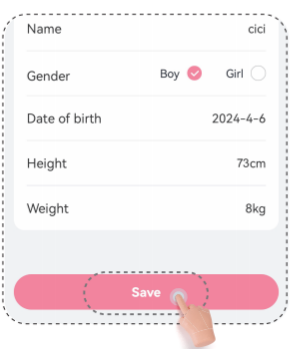
2 Click "Switch"



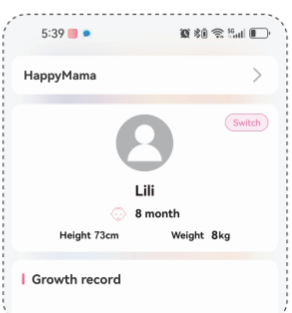
3 Click "Add baby file"



4 Input baby info and click "Save"

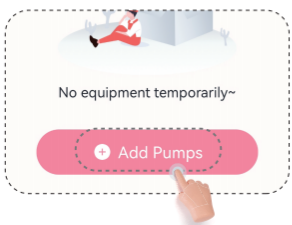


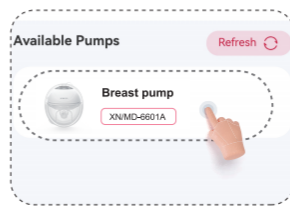
5 Check baby info



6.3 CONNECT THE PUMP

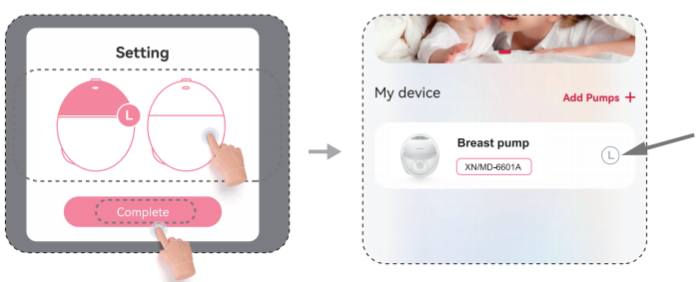
1. Before connect to the phone, please make sure the wearable pump has already been turned on.
2. Make sure Bluetooth is on.
3. On the "Control" page, click "Add Pumps".
4. Make sure your pump has already been turned on, if there is no available pumps, please click "Refresh" to find the pump.





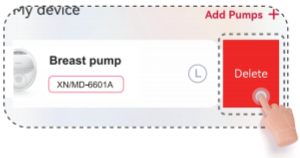
5. On "Add Pumps" page, click your device, you could set it as "L" side or "R" side. Click "Complete". Input the nickname for your device.

   Click the (L) or (R), could redefine the left or right side.

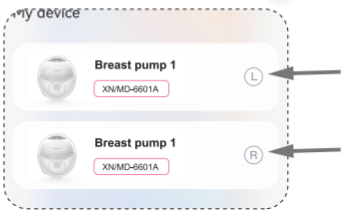


6. APP CONTROL

6 If you would want to delete the device from the devices list, you could drag your device to left on "My device" list, click "Delete", then the device can be deleted.



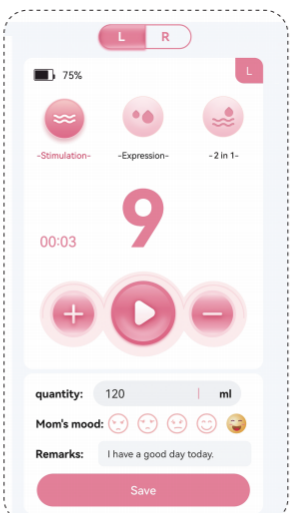
* One phone can at most add 2 pumps.



6.4 CONTROL THE DEVICE

1 On control page, click your device, could control your pump.

2 When pumping is finished and the pump is turned off. You could save the record of the pumping quantity, mood, and remarks.

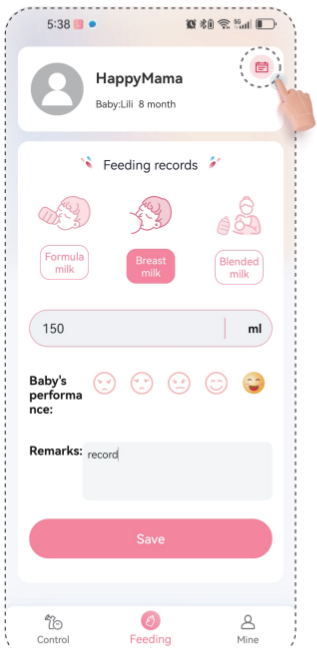


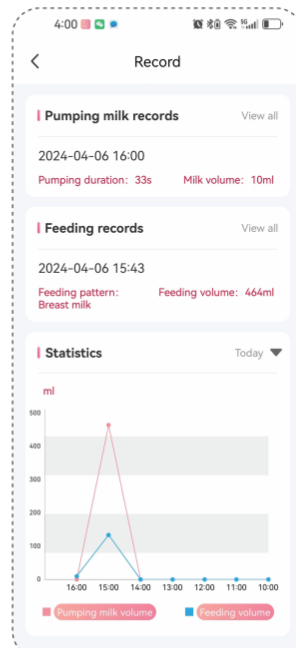
6. APP CONTROL

6.5 FEEDING RECORD

1 On "Feeding" page, you could record the way of feeding, the feeding volume, your baby's mood and the remark.

2 On "Feeding" page, click , could check the statistics of the pumping milk records, and the feeding records.





7. TECHNICAL SPECIFICATIONS

Power	5V ⎓ 1A
Battery type and capacity	Li-ion Polymer Battery Specification: 3.7V 1300mAh
Stimulation speed	100 CPM (Cycle Per Minute) (+/- 5CPM)
Expression speed	23-93 CPM (Cycle Per Minute) (+/- 5CPM)
Stimulation vacuum	-0.006~-0.016MPa,9 levels adjustable (+/- 0.003Mpa)
Expression vacuum	-0.006~-0.033MPa,9 levels adjustable (+/- 0.003Mpa)
Timer	30minutes
Noise	≤55dB(A)
Operation conditions	Temperature 5˚C ~40˚C, humidity 10%~90%RH

8. TROUBLE SHOOTING

- **Problem 1: Weak Suction or No Suction.**

CAUSE	SOLUTION
Check whether the diaphragm is installed reversely or damaged.	Reinstall or replace the diaphragm.
Check whether the connection between diaphragm and pump motor is tight.	Tighten all connections.
Check whether the cushion fits the breast completely.	Keep the cushion fit the breast all the times with nipple in the center of Silicone Cushion duct.

- **Problem 2: Can not turn on or charge.**

CAUSE	SOLUTION
Check whether the output of charger meets the requirements and whether the charger is plugged in properly.	Use the right charger and make sure proper plugged in.
The lithium battery has been exhausted .	Charge the pump once low battery.

- **Problem 3: Milk Backflow.**

CAUSE	SOLUTION
Diaphragm is not installed properly or damaged.	Immediately stop the pumping and switch off the pump, clean it. Please don't use it until reset the diaphragm or replace a new diaphragm.

FCC STATEMENT

- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

- Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

- NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, 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 receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- RF warning statement:

  The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

HORIGEN

Guangdong Horigen Mother & Baby Products Co.,Ltd.
Add: No. 18, Pingnan Industrial Zone, Mianbei Street, Chaoyang District,
515100 Shantou, Guangdong, PEOPLE'S REPUBLIC OF CHINA

Made in China

Instruction manual of 6601A Wearable

Size: 130 * 146mm

Date: July 24th, 2025