

Melony

Wearable Breast Pump

Instruction Manual

Version 1.0

Any Questions?
info@melony.com.au



Hi Mum,

Welcome to the world of Melony, a revolutionary brand of wearable breast pumps proudly Australian owned and designed to elevate your breast feeding experience.

We hope you find Melony empowers you with the freedom to express milk conveniently, discreetly, and comfortably whenever and wherever needed.

Before getting started, please take the time to read this user guide carefully. It contains essential information to help you achieve optimal performance and safety with your Melony Pump.

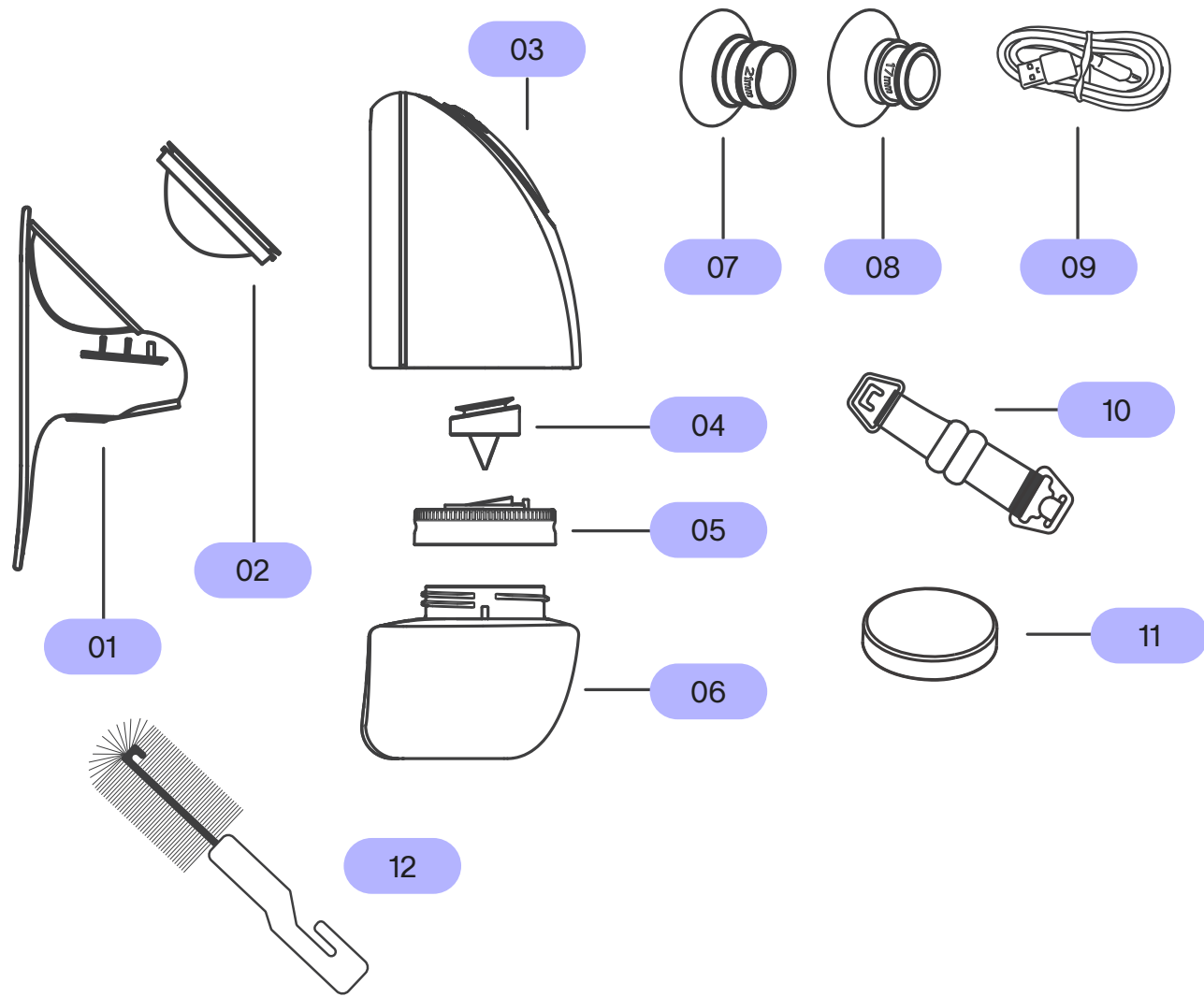
If you have any suggestions, comments or concerns, please don't hesitate to reach out to us at info@melony.com.au.

We are excited for you to embrace the freedom and flexibility you deserve.

With love and support,
Your Melony Team

1. Product Description

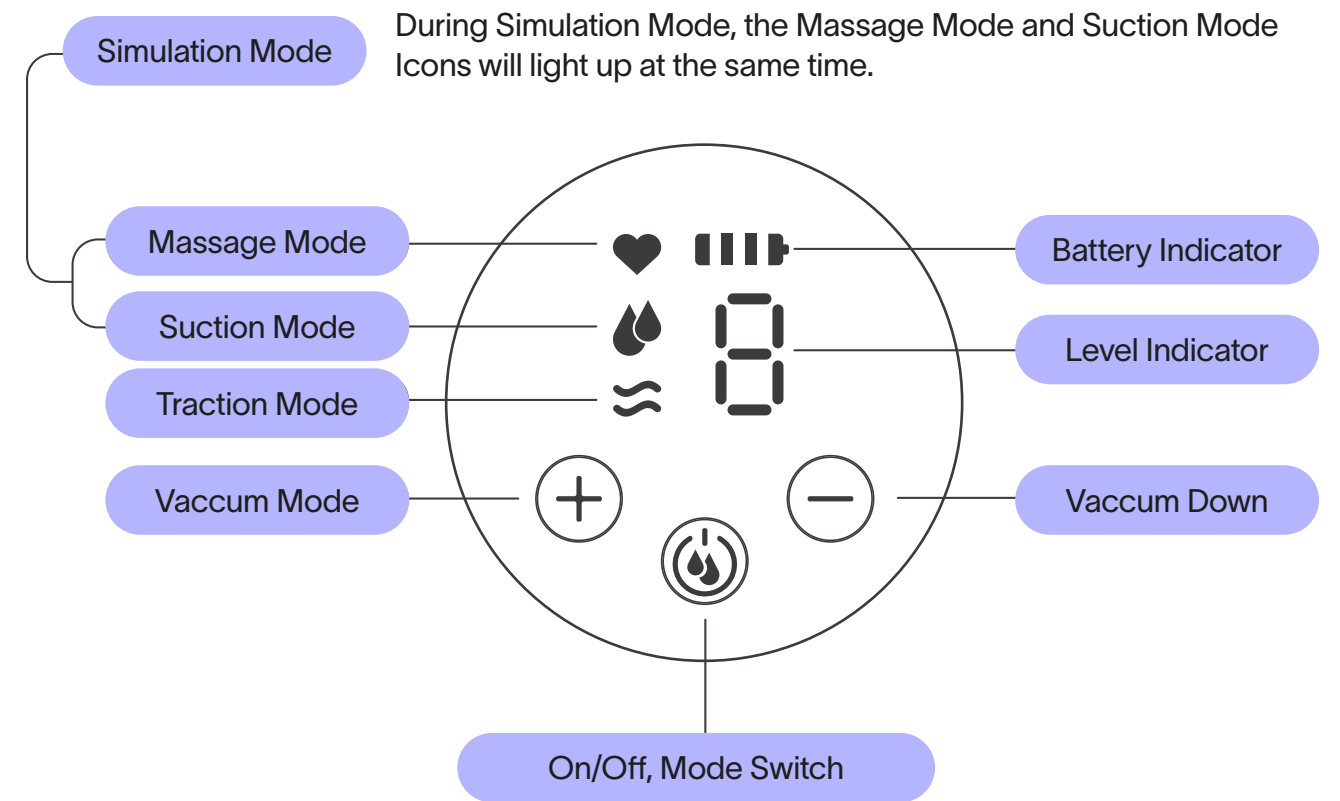
1.1 Parts



01	Breast Shield (Tritan)	07	21mm Cushion Insert (SIL)
02	Diaphragm (SIL)	08	17mm Cushion Insert (SIL)
03	Pump Motor (I)	09	Type-C Charging Cable (I)
04	Valve (SIL)	10	Bra Adjuster (I)
05	Bottle Connector (PP)	11	Bottle Lid (PP)
06	180ml Bottle (Tritan)	12	Cleaning Brush

1. Product Description

1.2 Controls



Your Melony Pump has a built-in li-ion battery. To ensure uninterrupted performance, it is recommended to charge the pump(s) after each session - or when the battery indicator light flashes - with a certified 5V 1A power adapter. This will help maintain a consistent supply and maximize your pumping experience.

2. Intended Use

2.1 Indications For Use

Electric breast pump to express and collect milk from lactating women.
The device is intended for a single user.

2.2 Indications For Use

- The Pump Motor is designed to operate for approximately 500 hours.
- The replaceable washable components are expected to last up to six months, depending on usage and washing frequency.
- It is recommended to replace the washable components after long-term storage or before pumping for your next child.

3. Safety

3.1 Warnings

Please carefully review all instructions prior to using the Melony Pump. Please note that the Melony Pump is not supplied in a sterile condition and must be cleaned and sterilized before initial use. When using electrical products, particularly in the presence of children, it is essential to observe basic safety precautions, which include the following:

Please ensure you read and follow the instructions below:

- The Melony Pump is designed for single-user use only. Using it with multiple individuals may pose health risks and void the warranty.
- If you have an active implanted device, such as a pacemaker or implantable cardioverter defibrillator, that may be affected by a magnetic field, we recommend consulting with a licensed healthcare professional before using the Melony Pump.
- Before the first use, carefully inspect for any damage and clean and sterilize the washable components that come into contact with your breast and breast milk.
- After each use, clean all parts that come into contact with your breast and breast milk, and check for any damage.
- During normal use, certain areas of the Melony Pump may become warm. If the pumping environment reaches the upper operating temperature limit (+30°C / +86°F) for the maximum session time (40 minutes), the Breast Shield may reach a temperature of up to +43°C / +109°F.
- Avoid storing wet or damp parts, as this may lead to the development of mold.
- Do not immerse the Pump Motor in water or any other liquids. Instead, wipe it with a clean, damp cloth.
- This product contains small parts and a cable that may present a hazard. Keep it out of reach of children.
- Only use Melony-manufactured parts with the Melony Pump, including the Charging Cable. Do not substitute with other parts.
- It is recommended to use an adaptor that complies with both IEC 60601-1 standards and your regional power source.

3. Safety

3.2 Precautions

- Always inspect all parts before use for damage or cleanliness.
- Always ensure all parts are completely dry before assembling.
- Do not place the Pump Motor in the fridge or freezer.
- This wearable pump and its components are not heat-resistant.
- Keep away from heat sources.
- Do not use flammable materials while using this wearable pump or connecting this wearable pump to a charger.
- Do not use this wearable pump while sleeping or overly drowsy.
- Using a breast pump should not cause pain. Do not try to express with an intensity setting that is too high or uncomfortable. If excessive discomfort or pain is felt during pumping, stop pumping, break the Breast Shield around your nipple and discontinue the session.
- Contact your healthcare professional if you express minimal or no milk, or if expression is painful.
- For assistance with correct Breast Shield sizing and comfort, please see section 4.3 or talk to a lactation consultant or breastfeeding specialist.
- Extra care is necessary when using this wearable pump in the vicinity of children.
- This wearable pump should not be used while lying down, or engaging in strenuous exercise or activities with risk of harm.
- Always break the seal of the cushion around your nipple before removing this wearable pump from your breast.
- Do not expose this wearable pump or components to direct sunlight.

3. Safety

3.2 Precautions

- If the package appears damaged or tampered with before use, do not use and email info@melony.com.au
- Do not wear Melony Pump when not pumping
- Melony Pump will not work when connected to the charger; always disconnect Melony pump from the charger and close the Charging Cap before using.
- Email info@melony.com.au and discontinue use if you notice a loss of power or if the fully charged battery lasts for less than two hours of continuous use. The battery is not replaceable.

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. This does not include the pump motor.
- Disassemble and clean the parts that 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 breast shield and diaphragm and valve. If these are damaged your Melony Pump will not function properly.
- Never wash or sterilize the pump motor, this component does not come into contact with your breast milk.

- Do not get wet.

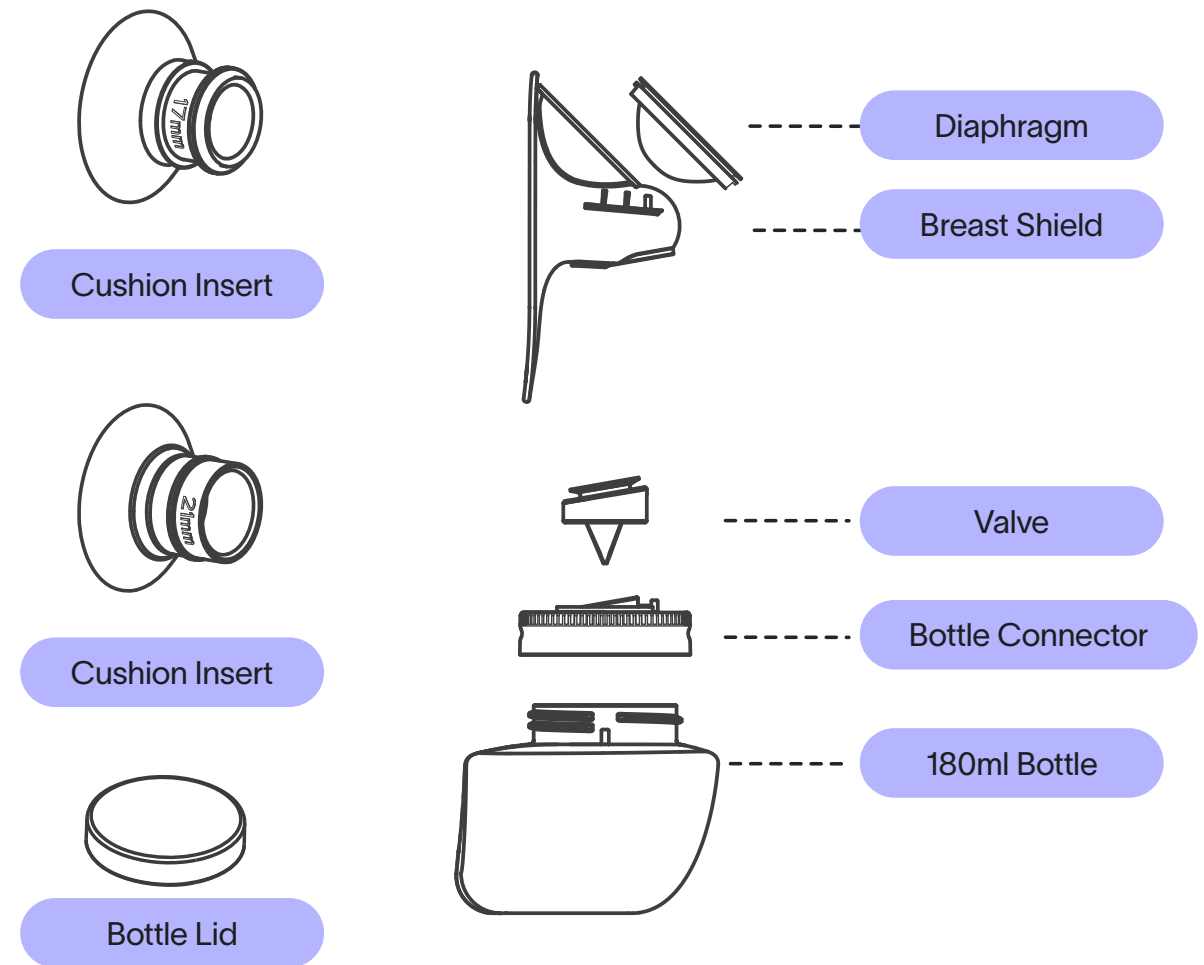


- The Pump Motor contains electronics that should be kept dry. A clean, damp cloth can be used to clean the Pump Motor. Any other cleaning method will be classed as misuse under the warranty.

4. Getting Started

4.1 Washable Components

- All washable components that come into contact with milk should be sterilised and dried after each use. This will prevent the build up of dry milk residue which can have harmful health effects for you and your baby.



4. Getting Started

Clean Washable Components

1. Rinse in cold, clear water (approx +20° C / +68° F).
2. Wash in warm water (approx +30° C / +86° F) using dish washing soap and wipe afterwards with a clean cloth.
3. Rinse in cold, clear water (approx +20° C / +68° F) for 10 to 15 seconds.

OR

Place on the top shelf of the dishwasher.



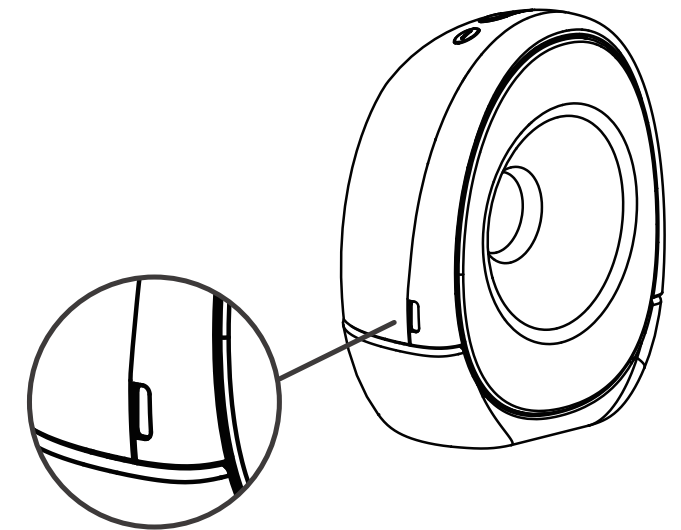
Sterilize Washable Components

- Boil in water for five minutes.
- OR
- Suitable for steam or cold water sterilizing methods. We do not recommend steam sterilizing for more than five minutes. Not suitable for sterilizing in a microwave.

4. Getting Started

4.2 Charging

1. When the battery is low, the Battery Indicator light will flash.
2. When charging, the indicator will light up and the pump will not turn on. Use the charging cable provided to connect the pump motor to a USB power source (5V IA), such as your phone plug.
3. Charging takes approximately 2 hours. This will provide 2 hours of usage. When your Melony Pump is fully charged the battery indicator light will light up.
4. Please only use the charging cable provided to connect your Melony Pump to a USB power source. Do not use the wearable pump while charging.



Type C

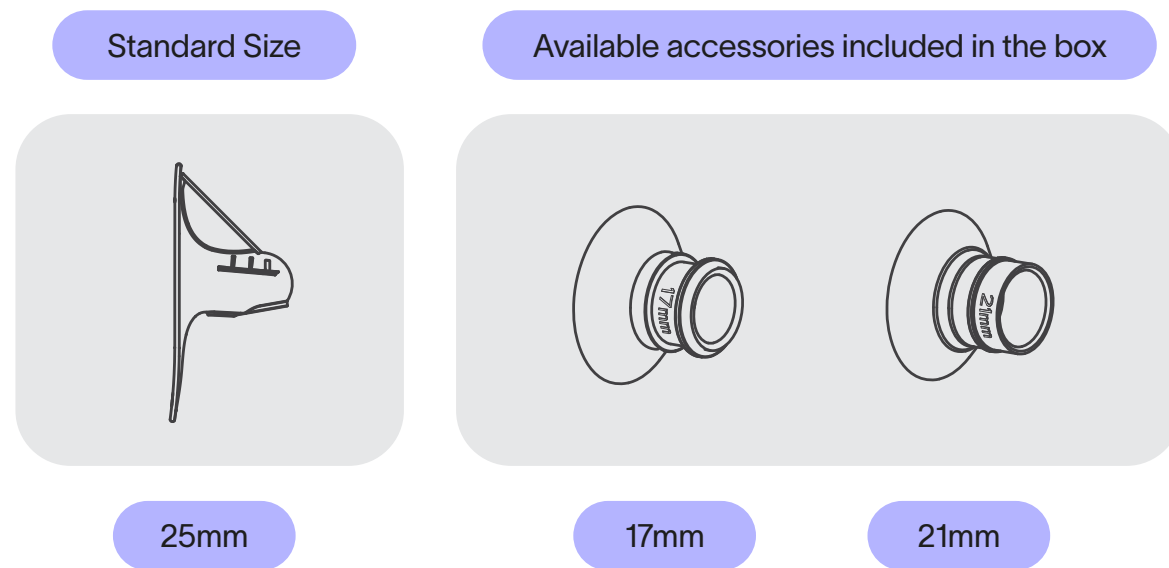
Tip

- Charge immediately after finishing your pumping session if low battery is indicated.
- After powering on, the pump will automatically shut down after 30 minutes if no function is utilised. To continue usage, simply press the power button again.

4. Getting Started

4.1 Breast Shield Sizing

Melony Pump comes with preassembled breast shields in 25mm and two additional silicone inserts of 21mm and 17mm.

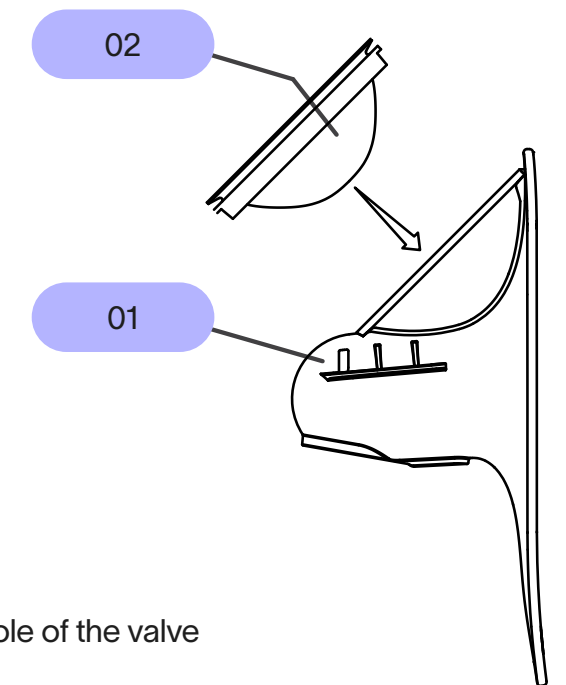


Tip: Lanolin cream can be used for lubrication to reduce the likelihood of sore nipples

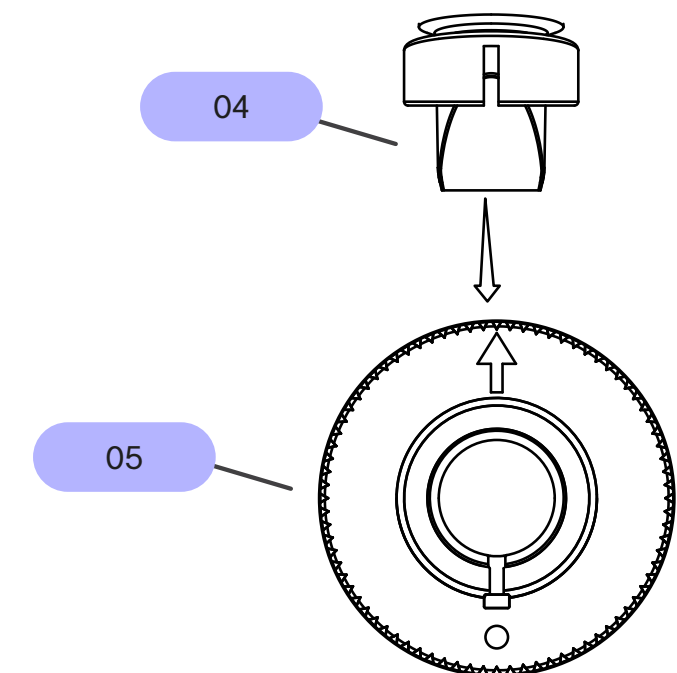
4. Getting Started

4.2 Assembling The Pump

1. Make sure all parts are dry before putting them together (after the parts have been cleaned and sterilized). Insert the Diaphragm (02) to the upper part of the breast shield (01), the edge of the Diaphragm coincides with the edge of the breast shield, and the gap of the Diaphragm corresponds to the breast shield.



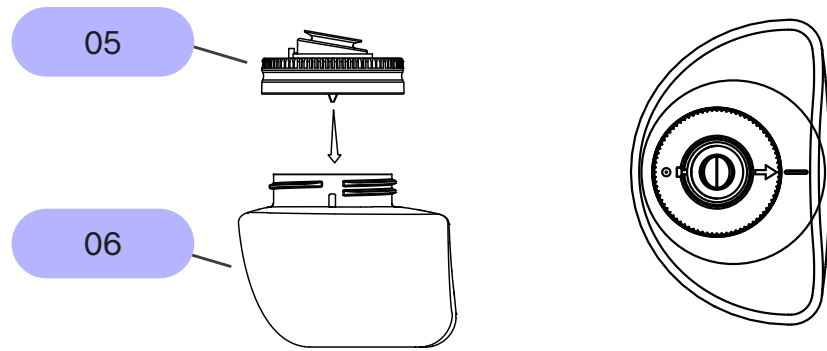
2. Insert the Valve (04) into the Bottle Connector (05). The hole of the valve should match the support point of the Bottle Connector.



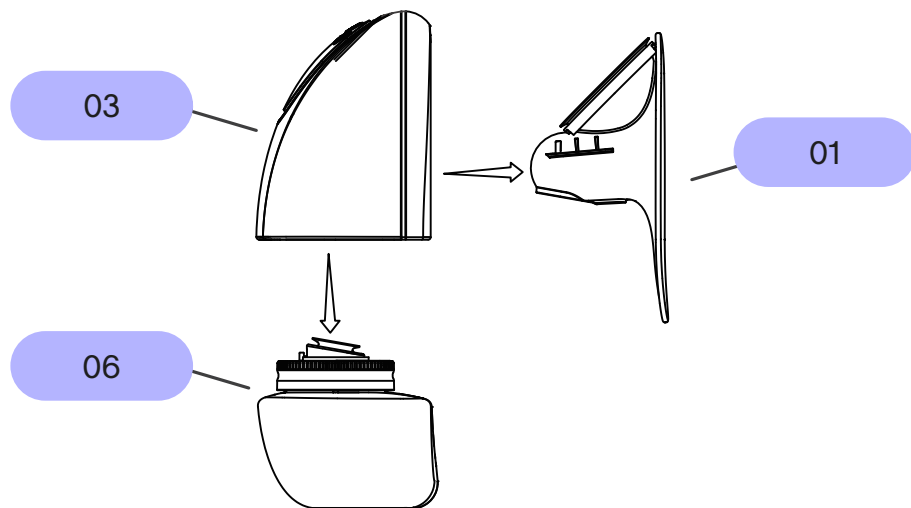
4. Getting Started

4.2 Assembling The Pump

- Place the Bottle Connector (05) on the milk bottle (06) and twist it clockwise until the arrow is aligned with the sign on the milk bottle.



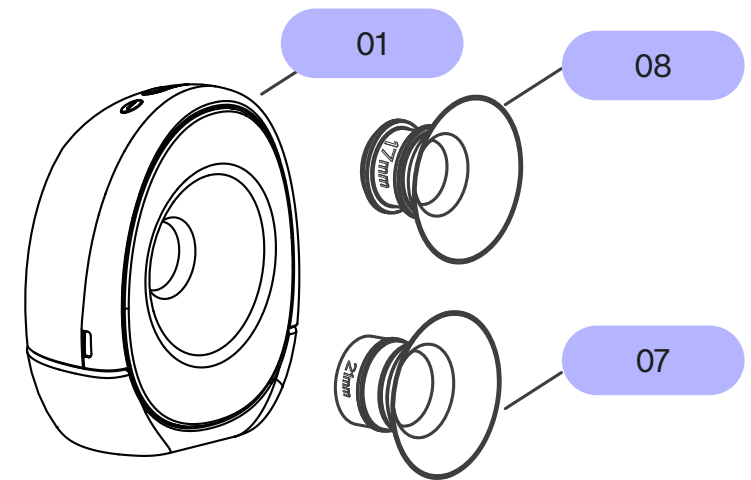
- Insert the installed breast shield (01) into the Pump Motor (03) first, and then insert the milk bottle (06) into the bottom of the Pump Motor.



4. Getting Started

4.2 Assembling The Pump

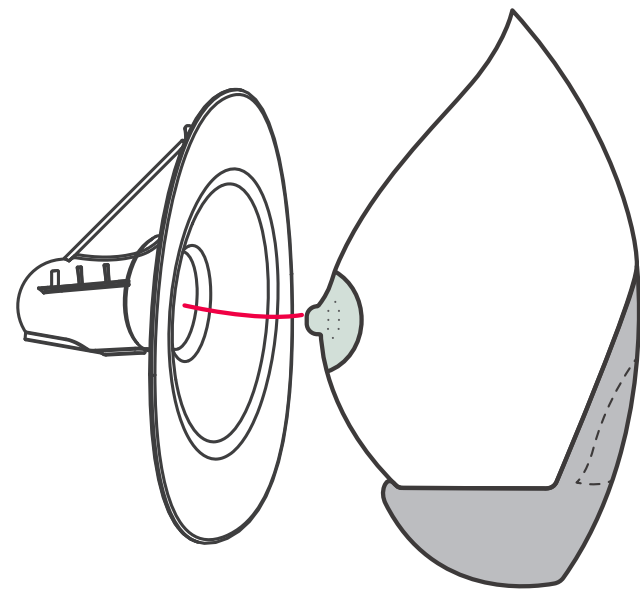
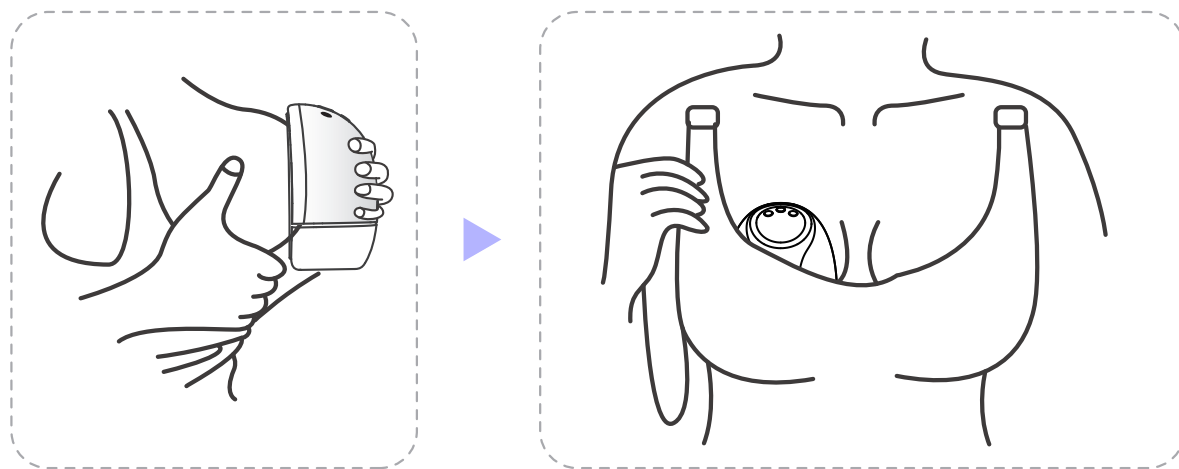
- If the Breast shield in 25mm (01) was too big for you, you may choose the 17mm (08) or 21mm (07) silicone insert, to be placed in the center of breast shield (01).



5. Using Wearable Pump

5.1 Aligning Your Nipple

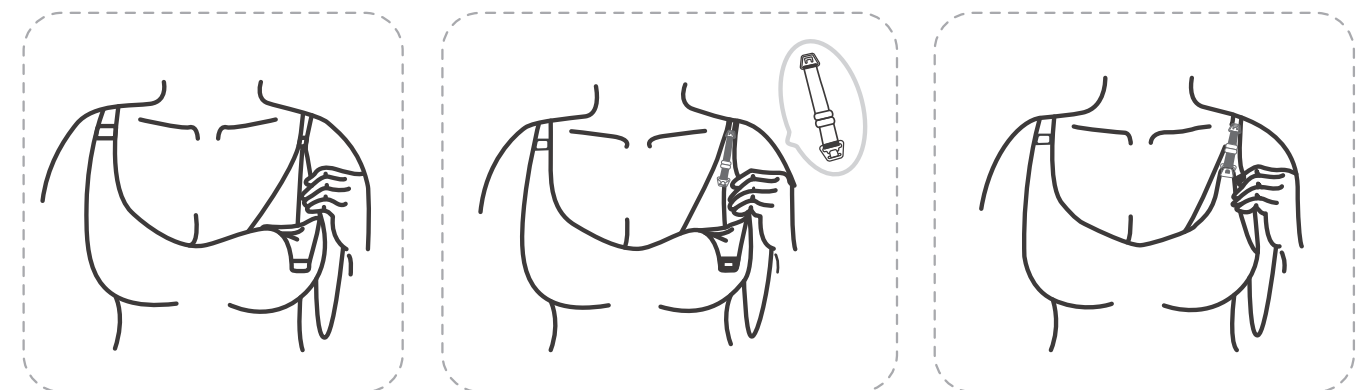
Correct nipple alignment in the Breast Shield is key to comfort, expression and performance. Your nipple must be positioned correctly in the Breast Shield tunnel before pumping to avoid discomfort.



5. Using Wearable Pump

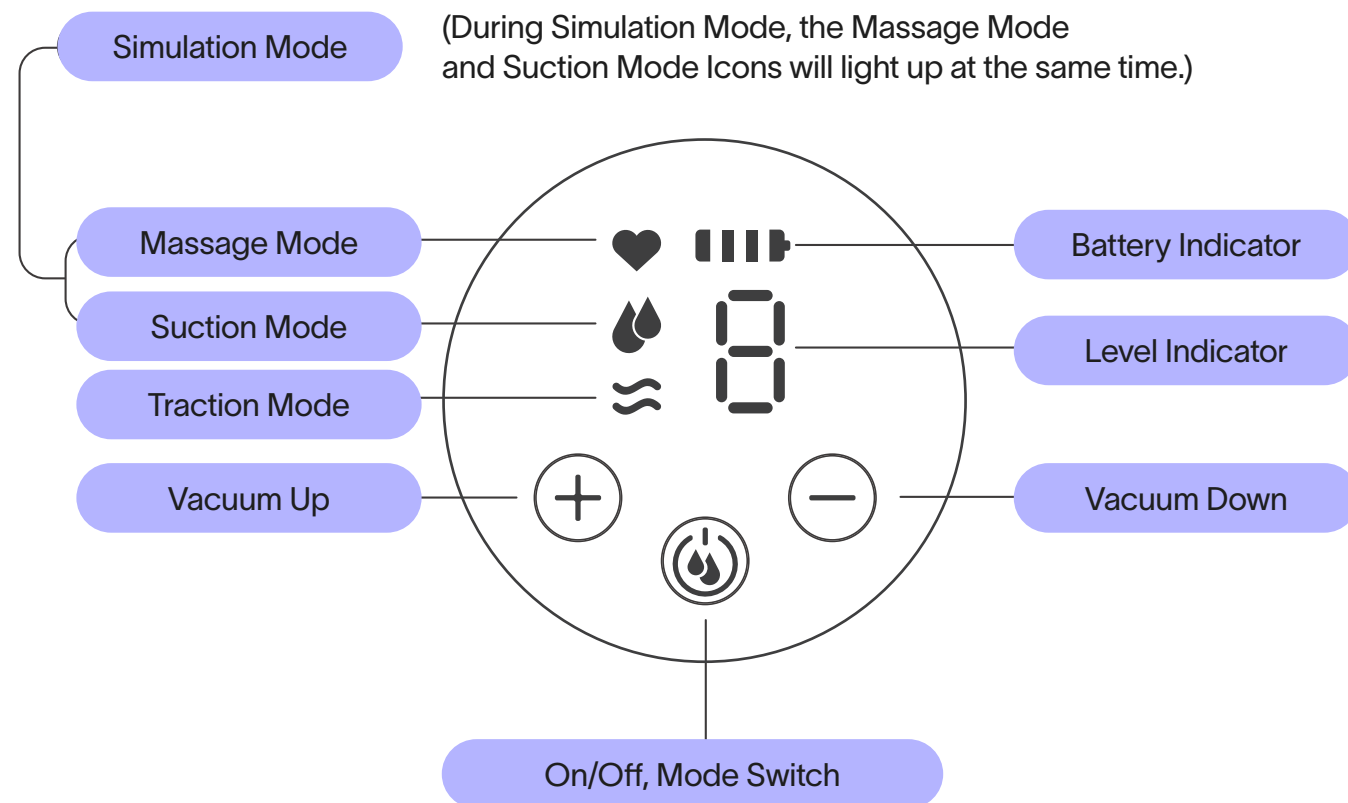
5.2 Finding The Right Compression

- Melony Pump is designed to be worn with your standard nursing bra. You can use it in either a sitting or standing position.
- Getting the right compression is important. Melony Pump needs to be firmly pressed against your breast, creating a tight seal. There should be no gaps between Melony 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



5. Using Wearable Pump

Mode Description

Massage Mode

The Massage Mode mimics a baby's natural sucking pattern at the start of breastfeeding, which is quick and light. This pattern is trying to stimulate and initiate the milk ejection reflex. There are 5 vacuum level settings in the Massage Mode. You can adjust the suction level as needed.

Suction Mode

Suction mode will stimulate the breast and draw milk out smoothly. There are 10 suction levels in the Suction Mode. You can adjust the suction level as needed.

Traction Mode



























Traction Mode will hold the vacuum for 10 seconds, then release as one cycle. This may improve problems with short nipples, flat nipples, or inverted nipples. There are 3 suction levels in Traction Mode. You can adjust the suction level as needed.

5. Using Wearable Pump

Operation Instructions

Please read the manual carefully before use.

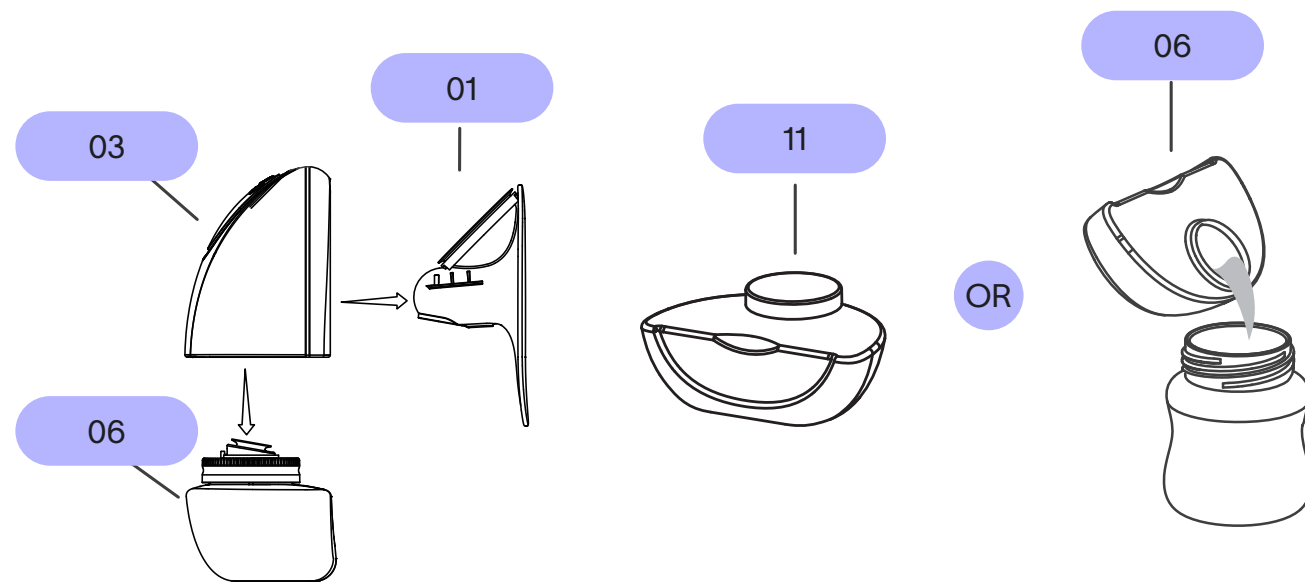
Tip: This product comes with a memory function, which automatically remembers the last used levels; the working levels of massage mode and suction mode can be memorized after operation.

Button	Operation Instruction	Display
	Long press  to turn on/off the machine, short press  to select working mode. The default function is Massage after startup, previous Mode selections will be remembered.	
	Press  to increase or decrease to adjust the vacuum strength. Adjustable Massage Mode with 5 working levels. Adjustable Suction Mode with 10 working levels. Adjustable simulation mode with 10 working levels.	
	Short press  , the default mode is Massage  ; Then adjust  to increase or decrease the levels according to personal conditions to control the vacuum strength. Automatically switch to Suction Mode after 2 minutes of massage by default.	
	Short press  , to change to Suction Mode  ; Then adjust  to increase or decrease the levels according to personal conditions to control the vacuum as required.	
	Short press  , to change to Simulation mode  ; Then adjust  to increase or decrease the levels vacuum as required to control the vacuum strength.	
	Short press  , to change to Traction Mode  ; Then adjust  to increase or decrease the levels as required to control the vacuum strength.	

5. Using Wearable Pump

5.4 Storing Your Milk

After finishing your pumping session, push out the Breast Shield (01), then turn the Bottle (06) from Pump Motor (03). You may store your expressed milk in the Bottle using the Lid (11) provided or pour your expressed milk into a container of your choice for storage or feeding.



When storing milk, always follow the guidance of your lactation consultant or health professional.

WARNINGS

- Clean all parts that come into contact with your breast and breast milk, and inspect for damage after every use.
- Do not store wet or damp components, as mold may develop.

6. Technical Specifications

Power	5V = 1A
Battery type and capacity	Li-ion Polymer Battery Specification: 1300mAh
Massage speed	80~130 CPM (Cycle Per Minute)
Suction speed	26~110 CPM (Cycle Per Minute)
Massage vacuum	-0.007~0.016Mpa (+/-0.003Mpa), 5 levels adjustable
Suction vacuum	-0.011~0.033Mpa (+/-0.003Mpa), 10 levels adjustable
Simulation vacuum	-0.011~0.033Mpa (+/-0.003Mpa), 10 levels adjustable
Traction vacuum	-0.011~0.025Mpa (+/-0.003Mpa), 3 levels adjustable
Noise	≤ 55dB(A)

7. Frequently Asked Questions

Problem 1 : Weak Suction or No Suction

CAUSE

Check whether the diaphragm is installed in reverse or damaged.

Check whether the connection between the diaphragm and pump motor is tight.

Check whether the breast shield fits the breast completely.

SOLUTION

Reinstall or replace the diaphragm.

Tighten all connections.

Keep the Breast Shield fitted to the breast at all times with the nipple in the center of the Breast Shield duct. Ensure you have selected the right size breast shield.

Problem 2 : Can not turn on or charge

CAUSE

The charger may not be plugged in properly
OR

The output of the charger may not meet the recommended requirements.

The lithium battery has been exhausted.

SOLUTION

Use the 5V 1A charger.

Ensure the charging cord is plugged in correctly.

Charge the pump for 2 hours.

Problem 3 : Milk Backflow

CAUSE

The diaphragm may not be installed properly.
OR

The diaphragm may be damaged.

SOLUTION

Stop pumping and turn off the Pump Motor. Clean the diaphragm and reposition. If the diaphragm is damaged it will need to be replaced.

Melony

IG @MelonyPump
E info@melony.com.au

Australian Owned and Operated
Made in China

