Spectra Electric Breast Pump User Manual



Spectra
ELECTRIC BREAST PUMP

S1 Pro, S2 Pro

❶ Cautions When Using

This device is a personal medical device. Be cautious to avoid cross-infection if used by others. The components set, zcleanliness and do not share with other people. Use only Spectra genuine consumables to avoid issues like backflow. The recommended usage period for consumables is 1–3 months, which may vary depending on the user's environment. And how often the parts are being used.

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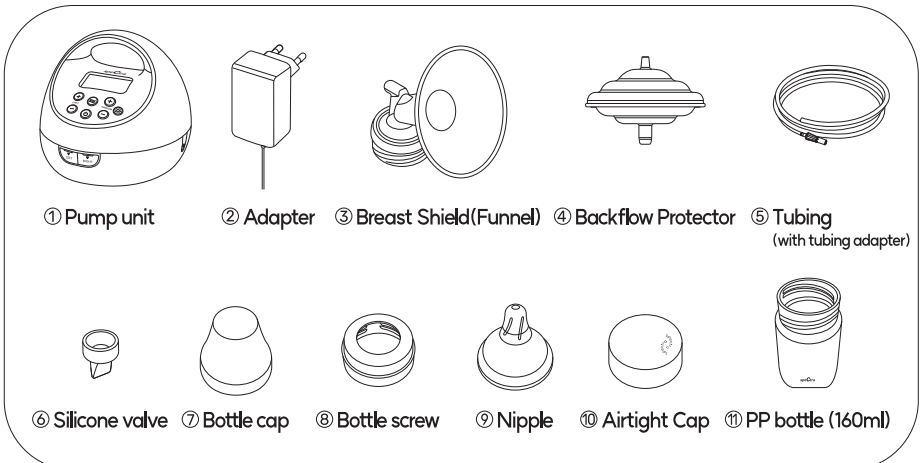
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Spectra **S1 Pro, S1 Pro** Components



The recommended usage period for consumables is 1-3 months, which may vary by the usage environment and how often the parts are being used.

Symbols to Note During Use



Cautions When Using

1. Basic Precautions

1) The breast pump should be used hygienically by an individual. If using a second hands pump, or a rental service, check your warranty status, and ensure that all accessories (breast shield(funnel), bottle, silicone valve, backflow protector, tubing) are brand new to avoid cross infection.
2) If equipped with a backflow preventer to avoid milk backflow, regularly check and clean/replace it according to the manual.
3) Avoid using in public facilities due to hygiene concerns.
4) As the electric breast pump continues to run until powered off, do not use it while sleeping or feeling drowsy.
5) Do not overfill the milk bottle to avoid backflow risks.
6) Initial discomfort (not pain) may be felt during the first use; if persistent pain, nipple injuries, or bleeding occur, seek medical advice immediately.

2. Actions in Case of Backflow

1) The backflow protector prevents milk backflow, so clean and sterilize it regularly to maintain hygiene.
2) Backflow of milk due to misuse of the backflow preventer is not covered by the warranty and any repairs that may be required will need to be paid for.
3) If backflow is observed, stop the operation immediately, disconnect the tubing from the shield(funnel), and remove the milk.
4) If backflow into the main unit is suspected, stop using it immediately and contact the place of purchase for inspection.

3. Product Safety

1) Keep the product dry and do not immerse it in water or other liquids. If the pump is damaged due to being immersed in water, this is not covered by the warranty and will result in paid repairs.
2) Keep away from radiators and flames.
3) Avoid dropping the product.
4) Do not use damaged products.
5) Do not sit on or step on the product as it can cause damage.

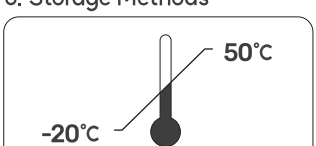
4. Electrical Safety

1) Use dry hands when connecting and disconnecting the adapter.
2) Use only the adapter supplied with the product.
3) If wet, have the product serviced before using.
4) Do not use during bathing or showering.

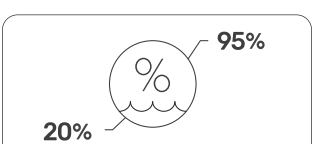
5. When to Stop Breastfeeding

1) If you have life-threatening illnesses.
2) If you have chronic diseases or physical limitations.
3) If you are taking medications for postpartum depression or other conditions.
*Discontinue breastfeeding based on a doctor's diagnosis or consultation.

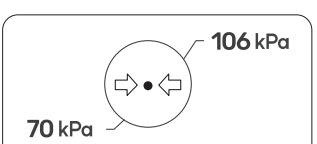
6. Storage Methods



Temperature Range for Caution



Relative Humidity Range



Atmospheric Pressure Range (kPa)

7. Purposes of the Breast Pump

1) To easily feed breast milk to the baby.
2) To pre-pump and store breast milk if the supply is insufficient.
3) To quickly pump milk during breast engorgement.
4) For working mothers or those separated from the baby for extended periods.
5) When direct breastfeeding is not possible due to inverted nipples.

8. Cautions When Using the Nipple

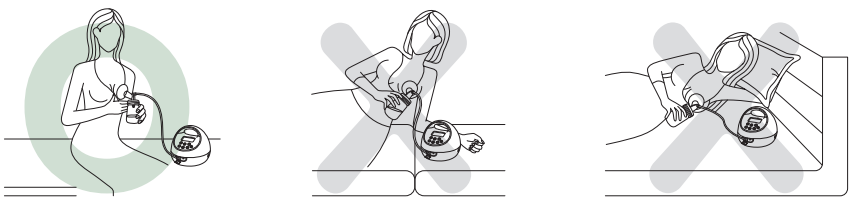
1) The included nipple is for newborns (S stage, 0-3 months).
2) Sterilize in boiling water for more than 3 minutes before the first use.
3) Check for damage to the nipple before and after use as it can be torn by the baby's gums or teeth. Replace if damaged as it can be very dangerous.
4) Do not let the baby run or walk with the bottle in their mouth for safety.
5) The recommended usage period for the nipple is 3 months.

9. Preparations Before Use

1) Wash and dry hands thoroughly before use. Ensure breasts are clean and free of foreign substances before pumping milk.
2) Verify that all parts that contact milk are properly cleaned and sterilized, then assemble according to the manual.

10. Instructions for Use (please carefully read and understand the manual before use.)

Appropriate pumping posture
If the breast shield is tilted, breast milk may leak or flow back.
Please place milk in the correct posture to ensure the shield(funnel) does not tilt.



1) Before operating the breast pump, make sure the nipple is positioned in the center of the shield(funnel) and then operate the device.
2) Improper use of the breast pump can cause milk to flow back, so it's essential to maintain the correct posture while pumping.
3) Applying too much pressure can cause pain, so finding the right pressure for you is important. Start with a low pressure and gradually increase it until you feel slightly uncomfortable (not painful), then slightly decrease it, adjusting the pressure and speed of pumping as necessary.
4) The typical duration for pumping milk is 10–15 minutes, but this can vary for each person. Use the pump for a duration that is suitable for you.
5) When finishing pumping milk, do not immediately pull away the part adhered by vacuum. First, turn off the power, then insert your finger between the breast and the shield(funnel) to slowly detach it.

11. Cleaning Method

1) Do not wash the breast pump unit and adapter. Wipe them with a dry cloth.
2) The tubing (including tubing adapters) does not touch breast milk under normal use. Do not wash it, as using wet tubing can damage your pump. Replace it if it becomes damaged or dirty (it is a consumable item).
3) For the shield(funnel), backflow preventer, silicone valve, bottle, cap, screw, nipple, and bottle sealing cap, wash them with bottle cleanser and sterilize them in boiling water before the first use. For subsequent uses, wash and dry them with a bottle cleanser. Periodic boiling sterilization is recommended. The recommended usage period for consumables is 1–3 months, which may vary depending on the usage environment and how often the parts are being used.

12. Storage and Maintenance After Use

1) Immediately after use, disassemble all parts of the breast pump that touches breast milk according to the user manual and thoroughly wash them with a bottle cleanser and appropriate brushes under running water to ensure no milk remains.
2) After washing, sterilize them in boiling water for 3–5 minutes. The sterilization method may vary depending on the materials used.
3) After washing and sterilizing, remove all moisture completely before storing the parts in a storage container or a clean place. Avoid touching the parts that touch the breast milk with your hands until the next use.

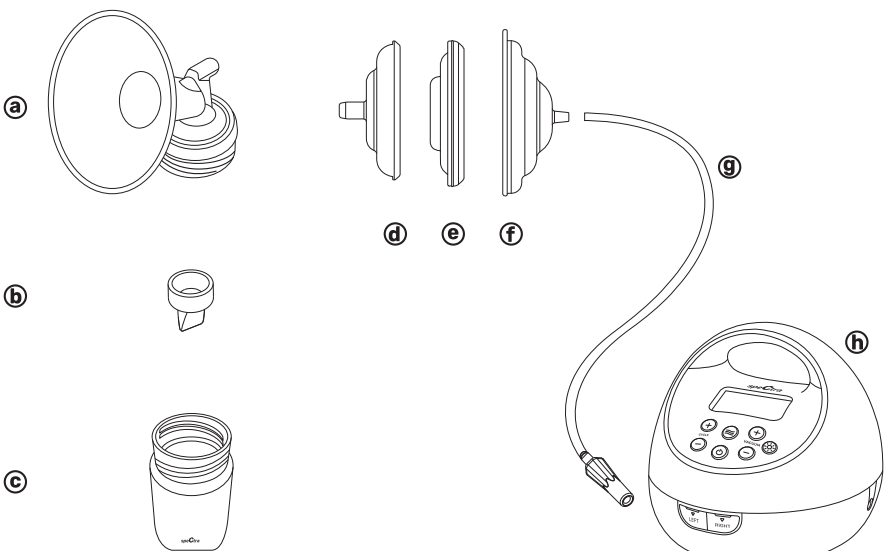
13. Maintenance and Inspection

Inspect the breast pump body after long-term storage before use. Replace consumables as recommended (the recommended usage period for consumables is 1–3 months, which may vary depending on the environment).

14. Operating Instructions

ⓐ Wide Shield(funnel) ⓑ Silicone Valve ⓒ Bottle

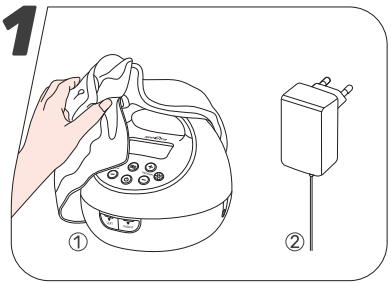
ⓓ,ⓔ,ⓕ Backflow Preventer ⓖ Tubing (including tubing adapters) ⓗ Pump unit



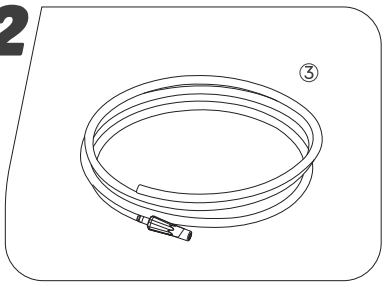
* Do not wash ⓗ (the pump unit).
* The product is designed to prevent backflow, so the tubing ⓖ does not need to be washed. (If you wash the Tubing, make sure it is completely dry inside before use.)
* In pumping mode (Massage model symbol ≋ off in LCD), the pressure has 1–15 levels.
* In massage mode (Massage mode Symbol ≋ on in LCD), the pressure has 1–5 levels.
* Cycle: Pumping mode has 6 levels (C1–C6), and massage mode has 5 levels (C1–C5).

1) Attach the silicone valve to the breast shield and assemble it with the bottle.
2) Assemble the ⓓ ⓔ ⓕ backflow preventer.
3) Connect the tubing ⓖ to the backflow preventer ⓕ and the pump unit ⓗ, ensuring ⓖ the tubing with adapter is directed towards the ⓗ pump unit.
4) Connect the adapter to the outlet and then plug the adapter jack into the ⓗ pump unit (it can also be used without the adapter if the battery is sufficiently charged).
5) Wipe your breasts with a warm towel (do not use alcohol).
6) Press the ⏻ power button to turn on the device.
7) Check the pressure level on the LCD screen and ensure the nipple is centered in the breast shield. Press ⓐ breast shield against your breast. (The previously used settings are stored in the memory, so make sure the pressure level is not too high before use.)
8) Switch between breast pump mode and massage mode by pressing ≋ the massage button. (Using massage mode for about 2 minutes before pumping mode can make pumping milk smoother.)
9) Adjust the vacuum and cycle levels using the ⊕ and ⊖ buttons.
10) ☼ The LED lamp button can be used to illuminate dark spaces for feeding or as a nightlight, with adjustable brightness.
11) After pumping milk, reduce the pressure and turn off the power. Insert your finger between your breast and the ⓐ breast shield to slowly detach it. (The timer function will automatically turn off the device after 30 minutes of use.)

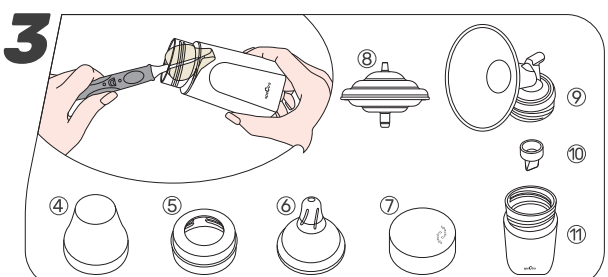
15. Illustrated Instructions for Use



Do not wash the pump unit and adapter.
Wipe them with a dry cloth.



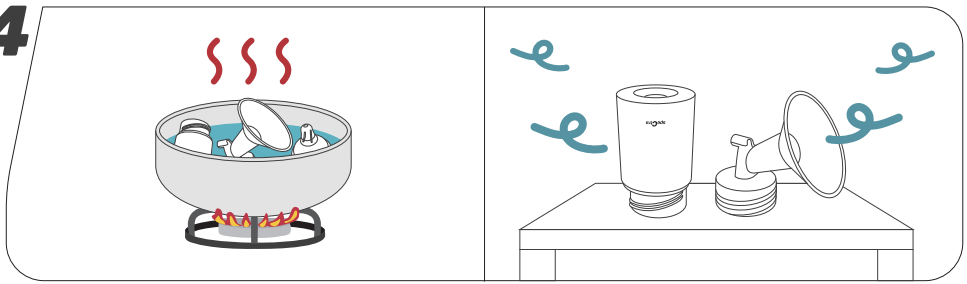
Consumables: Wash with bottle cleanser.
Do not wash the tubing (including hose tips).
Replace these if they get dirty.



① Pump unit
② Adapter
③ Tubing (including adapter)
④ Cap
⑤ Screw
⑥ Nipple
⑦ Airtight cap
⑧ Backflow protector
⑨ breast shield
⑩ Silicon valve
⑪ PP bottle (160 ml)

15. Illustrated Instructions for Use

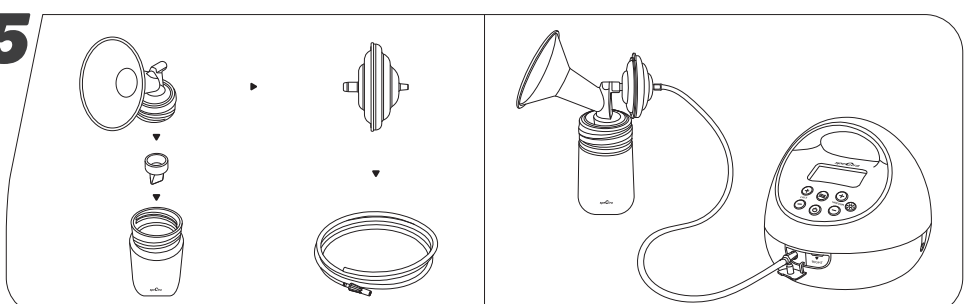
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Sterilization/Drying

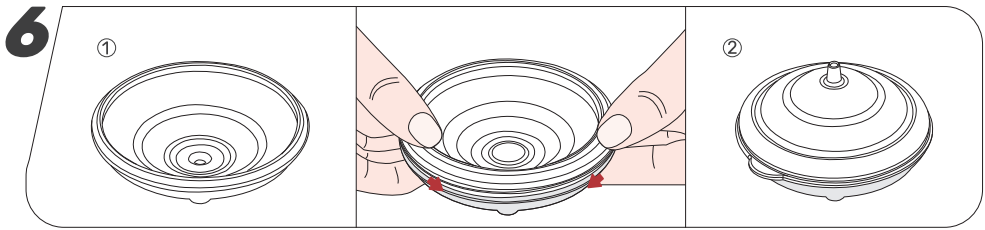
For boiling sterilization, turn off the heat after the water boils and immerse the items that need sterilization in the boiling water. After sterilization, rinse them multiple times in room temperature water and dry them before use.

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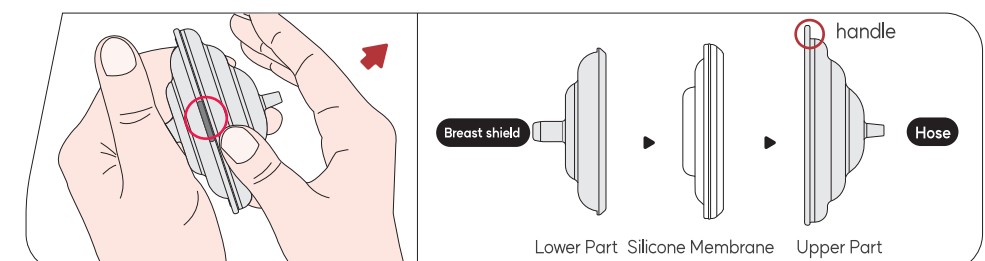
Assembly Order

15. Illustrated Instructions for Use



Assembling/Disassembling the Backflow Preventer

1. Press the silicone membrane into the lower part of the backflow preventer.
2. Assemble the upper part of the backflow preventer.

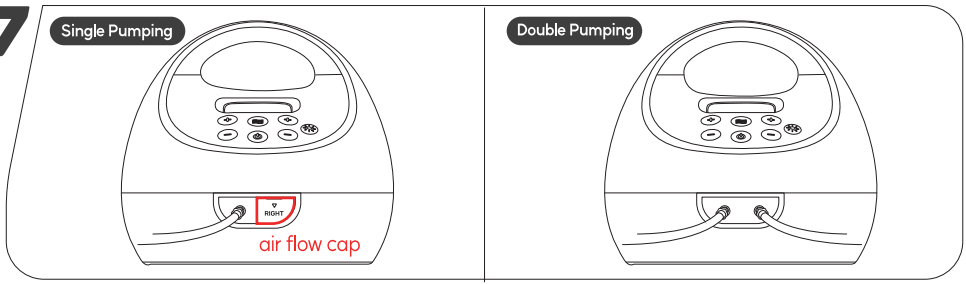


Disassembly Method/Names

1. Fix the lower part with your thumb and pull the handle of the upper part in the direction of the arrow to disassemble.

If breast milk backflows during use, stop immediately, remove the milk, and check the condition of the consumables and assembly. If you suspect milk has back flowed into the pump unit, stop using it and inspect it before use. Backflow of milk due to misuse of the backflow preventer is not covered by the warranty and any repairs that may be required will need to be paid for.

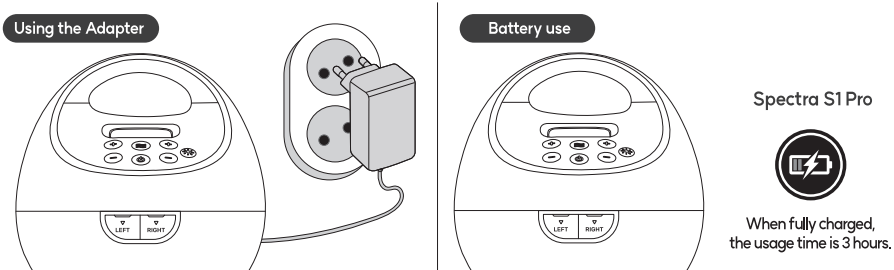
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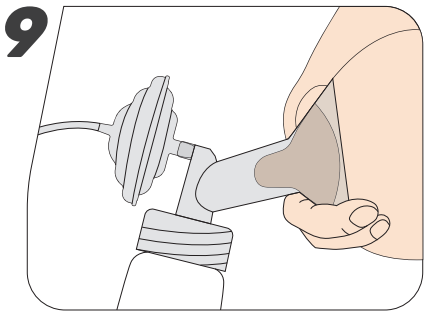
The main unit air hole can be used on both sides.

Use the air flow cap when pumping milk from one side. If pumping from both sides, the air flow cap should be closed otherwise, pressure will not build. If the pressure is low during double-sided pumping, increase the vacuum level.

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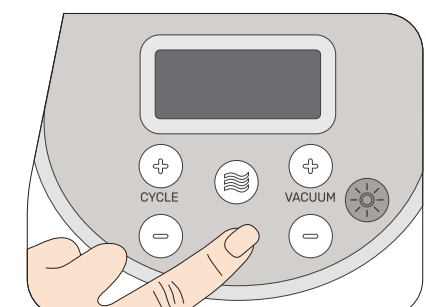


You can use the adapter to power the breast pump or charge it for wireless use(Spectra S1 Pro)



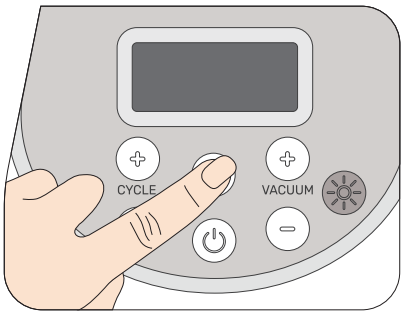
Method of Pumping Milk

① When fully charged, the usage time is 3 hours.
You can use the adapter to power the breast pump or charge it for wireless use.

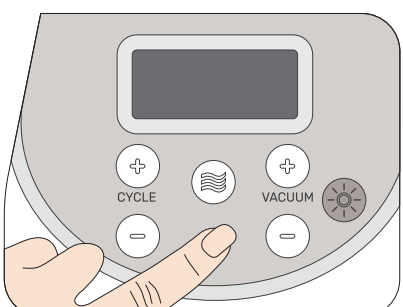


② Press the power button ⏻ to start the device and begin pumping milk in the correct posture. The device will start with the previously used settings stored in memory, so ensure the pressure level is not too high before use.

15. Illustrated Instructions for Use

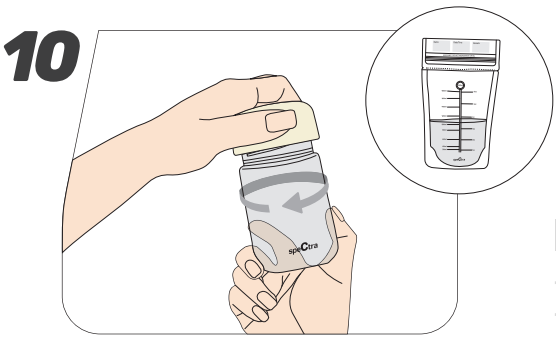


③ Before pumping milk, press the massage button ≋ to switch to massage mode ≋ Use the massage mode for about 2 minutes before switching to pumping mode to pump milk smoothly. Adjust the massage cycle (5 levels) and pressure (5 levels) using the CYCLE and VACUUM buttons. (Use the massage time according to your condition.)
The LCD screen will show the massage indicator during use.



④ Press the massage button ≋ to switch to pumping mode and adjust the pumping cycle (6 levels) and pressure (15 levels) using the CYCLE and VACUUM buttons. Adjust the pressure level according to your condition. The massage indicator will disappear when using pumping mode. Feed the pumped milk to your baby immediately. If you wish to store it, disassemble the parts and close the bottle with the sealing cap as shown in the picture. Then, store it in the refrigerator or transfer it to a storage bag for refrigeration or freezing

15. Illustrated Instructions for Use



Feed the expressed milk to your baby immediately. If you wish to store it, disassemble the parts and close the bottle with the sealing cap as shown in the picture. Then, store it in the refrigerator or transfer it to a storage bag for refrigeration or freezing.

▸ Location: Room Temperature

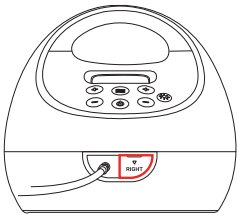
Location	Temperature	Storage Duration
Room Temperature	Approx. 19 – 22°C	4 hours
Refrigeration	Approx. 0 – 4°C	24 hours
Freezer	separate from the refrigerator	Within 2 months

*Storage duration may vary depending on the surrounding temperature and environment.

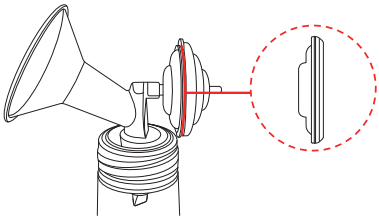
16. Breast Pump Inspection and Repair

1) Warranty Period: This product has a 1year warranty period from the date of purchase. This warranty does not cover damage caused by accident, misuse, abuse, improper maintenance, unauthorized modification, or connection to an improper power supply. A repair fee would be required for such damages. After the warranty period, paid services apply, with in a five-year period.
2) For inspection and A/S, contact the distributor or the place of purchase for quick processing.
3) Shipping is done via courier, and shipping costs are separate even within the warranty period.
4) Returns are not accepted once the product is opened and used.
5) The product cannot be inspected or repaired if the breast pump is disassembled or modified arbitrarily.
   * Perform self-diagnosis if the breast pump pressure is not working.
   * Replace consumables periodically, except for the breast pump main body.
   * Use only genuine Spectra shield(funnel)s and other components.
   * The design and color of consumables may change depending on the manufacturer's circumstances.

17. Self-Diagnosis

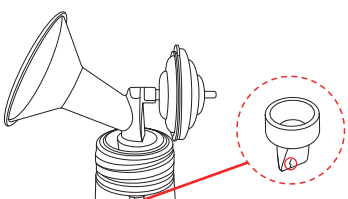


When expressing milk from one side,
Make sure the airflow cap is attached to the other side.
If the cap is open, there will be no pressure.

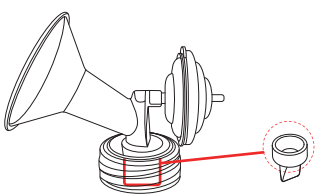


During Operation

- If the silicone membrane in the anti-backflow device is moving properly but there is no pressure, it means the consumables are not assembled correctly. Disassemble and reassemble all consumables.



- Ensure the silicone valve is attached to the shield(funnel). If the silicone valve is detached or damaged, there will be no pressure. If milk fat residue is on the silicone valve, it can become slippery and detach.



- Clean and sterilize the connection area of the shield (funnel) and the inside of the silicone valve with detergent before use.

- If the pressure feels weak due to the development of mammary glands with continuous use, increase the pressure level.
- The replacement period for consumables is 1-3 months (the replacement period may vary depending on the user and the usage environment). Damaged consumables will result in no pressure.

18. Warranty

1) Product Name: Electric Breast Pump

2) Model Name: Spectra S1 Pro, Spectra S2 Pro

3) Intended Use: Electric device for suctioning breast milk from the breast

4) Manufacturing Number and Date: Indicated separately on the box

5) Instructions for Use and Precautions: Refer to the user manual

6) Type and Degree of Protection against Electric Shock: Class 2 equipment, internal power supply equipm

7) Manufacturer Name: Uzinmedicare Co., Ltd (MADE IN KOREA)

8) Manufacturer Address: 54, 56, Dongtansandan 5-gil, Hwaseong-si, Gyeonggi-do,18487, Republic of Korea

9) Adapter Rating Input: AC 100-240V ~ 50/60Hz, Output: DC12V ⎓ 2A

10) Battery: Li-Polymer 11.1V, 2000mA(Spectra S1 Pro)

11) Power Consumption: 66VA(Spectra S1 Pro), 61VA(Spectra S2 Pro)

Spectra S1, S2 Pro Electric Breast pump	Name
Telephone	Mobile Phone
Address	

Always Reliable, **speCtra**

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