



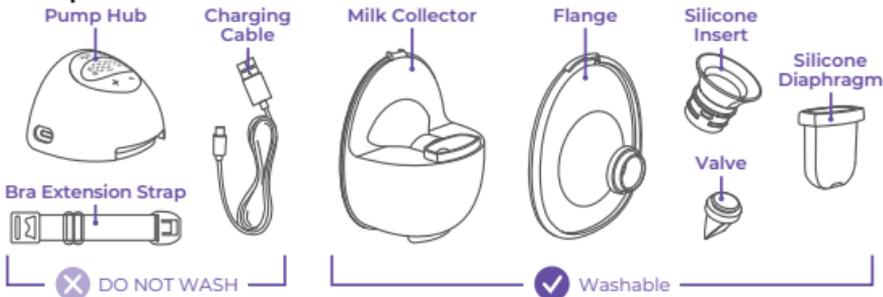
DiscreetDuo™ Flow Wearable Breast Pump

INSTRUCTIONS FOR USE

Read all instructions before using the pump and keep this manual for future reference.

Quick Start Guide

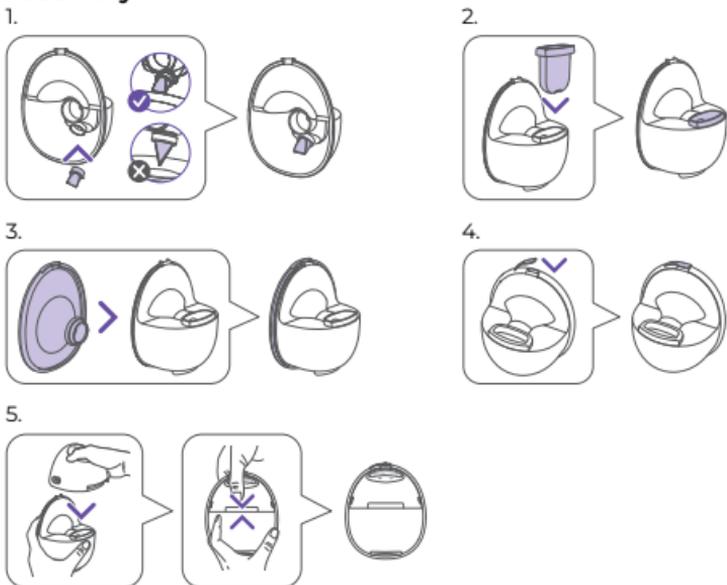
Pump Parts



Cleaning Before First Use

1. Disassemble the DiscreetDuo™ Flow Wearable Breast Pump and set aside the pump hub. Place remaining washable parts in a large pot and fill with enough water to fully submerge.
2. Bring the water to a boil for 5 minutes.
3. Then, remove the parts and place them on a clean towel to dry. Ensure they are completely dry before first use.

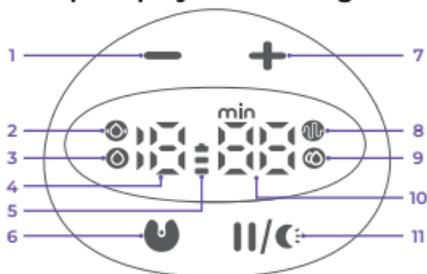
Assembly



TIPS

- The valve should be horizontal when attached to the milk collector.
- Insert the silicone diaphragm with the notch facing towards the flange and not towards the milk collector.
- Ensure the pour spouts are properly aligned when attaching the flange to the milk collector. Press firmly around all the edges to create a proper, secure seal.
- See page 6, find the right flange size for you.

Pump Display and Settings



1. Suction Decrease Button
2. Massage Mode
3. Expression Mode
4. Suction Level Display
5. Battery Power Display
6. Power /Mode Selection Button
7. Suction Increase Button
8. Stimulation Mode
9. Automatic Mode
10. Time Display
11. Start/Pause/Night Light Button

Charging

Make sure the battery is sufficiently charged before you start your pumping session. Pump cannot be used while charging. Use the charging cables included in the box.

WARNING: Using incompatible charging equipment may damage the pump. Please use the provided charging cable along with a 5V 2A power supply. DO NOT use a fast-charging cable or fast-charging adapter (brick).



Scan to view the instructions in Spanish, access How-to Guides, and sign up for expert guidance and exclusive offers for every stage of your parenting journey.

Product Description

The DiscreetDuo™ Flow Wearable Breast Pump is designed to provide several medical benefits for lactating women.

1. **Milk Production Support:** The breast pump helps stimulate the secretion of prolactin by the pituitary gland, promoting milk production to meet an infant's feeding needs.
2. **Milk Ejection and Breast Health:** The breast pump encourages the contraction of breast epithelium, aiding milk ejection and helping to empty the breast, which can relieve breast engorgement. Repeated pumping helps clear excess milk from ducts, reducing the risk of acute mastitis.
3. **Usage Environment:** This product is intended for personal use and for a single user. It should never be shared between mothers or re-sold from one mother to another.

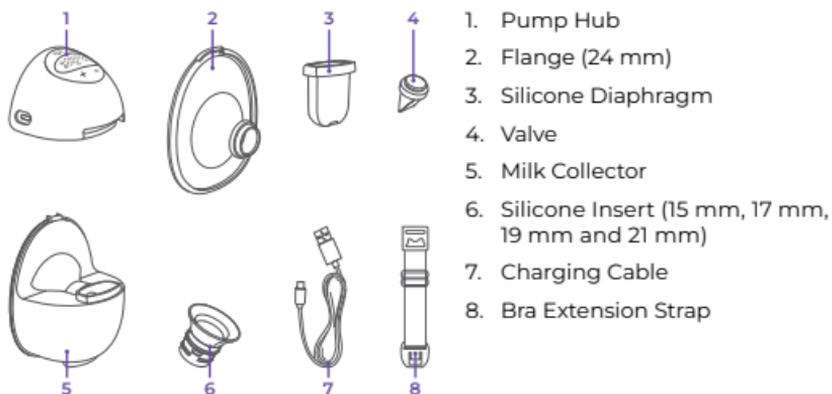
Contents

1. Pump Parts in a Box	4
2. First Use	5
3. Assembling	5
4. Positioning the Flange.....	6
5. Operating the Pump.....	7
6. After Pumping.....	8
7. Battery and Charging.....	9
8. Cleaning and Disinfecting Instructions.....	9
9. Breastmilk Storage Guidelines.....	11
10. Tips to Maintain Optimal Performance and Troubleshooting.....	12
11. Technical Data	13
12. Limited Consumer Product Warranty (United States)	15
13. Declaration of Electromagnetic Compatibility (EMC).....	17

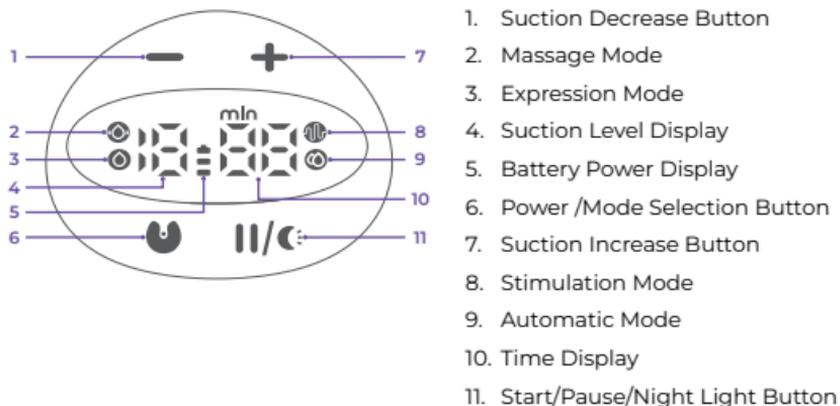
Whether you need expert help with your pump or other product, a listening ear, or a little advice, our team of moms and certified lactation counselors are here to help. Connect with us at 1-800-292-4794 or send us an email at customerservice@lansinoh.com.

1. Pump Parts in a Box

Parts List



Description of Display and Button Function



2. First Use

Always wash your hands thoroughly with soap and water, then dry them before handling the breast pump.

1. Disassemble the DiscreetDuo™ Flow Wearable Breast Pump and set aside the pump hub. The pump hub should never be rinsed or submerged in water. Wipe down the pump hub and keypad with a low-level disinfectant such as ethyl or isopropyl alcohol (70-90%).
2. Place the washable parts in a large pot of water, ensuring that all parts are fully submerged.
3. Bring the water to a boil and allow the parts to boil for 5 minutes.
4. After boiling, remove the parts from the pot with clean tongs and place them on a dry, clean towel to dry. Then, cover the parts with a second towel.
5. Allow the parts to dry completely before assembly and use. Partially dried parts may affect the operation of the pump and could cause deterioration of the components.
6. Once the parts are dry, they can be stored in a clean plastic bin with a lid or in a clean plastic zipper bag. Do not store the parts in a container or bag until they are fully dry.

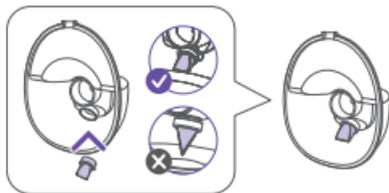
3. Assembling

To assemble the pump, follow these steps carefully. Always wash and dry hands thoroughly with soap and water before handling the cleaned components.

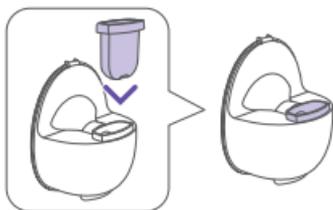
CAUTIONS:

- Ensure all parts are cleaned according to the instructions in this manual.
- Be sure that all the parts are completely dry.
- Follow the instructions below exactly to prevent leakage.

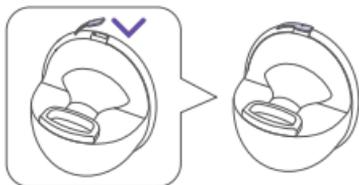
1. Attach the valve to the milk collector, ensuring it is oriented in the correct direction.



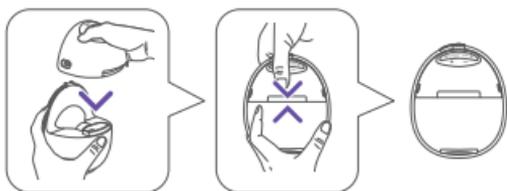
2. Place the silicone diaphragm into the milk collector and press down firmly to make the edges fasten tightly. Make sure the notch is facing the breast when installed.



3. Attach the flange to the assembled milk collector by inserting the nipple tunnel into the backflow groove. Ensure that the pour spouts are properly aligned on top of the milk collector. Press firmly around the entire edge to ensure a proper, secure seal. Ensure the spout is securely sealed with the cover.



4. Position the pump hub over the milk collector. Align the notch on the underside of the pump hub with the silicone diaphragm. Press downward to assemble, ensuring a secure and airtight connection.



4. Positioning the Flange

Correct nipple alignment in the flange is important for a safe and comfortable pumping experience. It can also help to reduce potential nipple damage and increase your milk expression.

To find the right flange size, start by measuring your nipple with the included Nipple Sizing Tool and choose the flange size closest to your nipple diameter. Many people get the best results with that size or one size smaller, especially when using a pumping lubricant. The nipple should move freely without pain, only a small amount of areola should enter the tunnel, milk should flow well within a few minutes, and if it doesn't feel right, try another size. Remember, each breast may need a different size, and your fit can change over time.

Press the flange firmly against the breast, ensuring there are no gaps and your nipples are centered. Keep the pump upright and steady. Avoid shifting or tilting the pump, as this can affect suction. Ensure the bottom seam remains secure and undisturbed.

5. Operating the Pump

1. Once the pump is properly positioned, press and hold the “” Power/Mode Selection Button until the screen lights up to turn the pump on. Quickly press the “/⏸️” Start/Pause/Night Light Button to start the session. The pump always starts in Stimulation Mode, Level 1.

First use: After 2 minutes in Stimulation Mode, Level 1, the pump automatically switches to Expression Mode, Level 1.

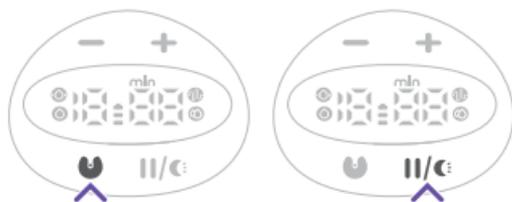
Memory Function

If last used in Expression Mode: restarts in Stimulation Mode (Level 1) → after 2 minutes switches to Expression Mode (Level 1) and gradually returns to the last used level.

If last used in Massage Mode: restarts in Stimulation Mode (Level 1) → after 2 minutes switches to Massage Mode (Level 1) and gradually returns to the last used level.

If last used in Automatic Mode: restarts in Stimulation Mode (Level 1) → after 2 minutes switches to Automatic Mode and adjusting levels automatically.

You can press the “/⏸️” Start/Pause/Night Light Selection Button to pause or resume the session as needed.

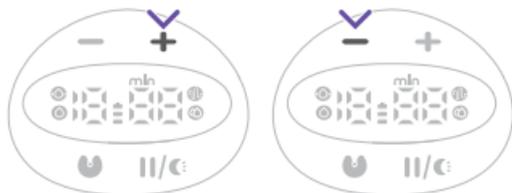


2. You can switch between modes at any time by pressing the Power/Mode Selection Button. There are four pumping modes—Stimulation Mode, Expression Mode, Massage Mode, and Automatic Mode—that you can select by pressing the “” Power/Mode Selection Button.

- When the “” is lit, it indicates Massage Mode.
- When the “” is lit, it indicates Expression Mode.
- When the “” is lit, it indicates Stimulation Mode.
- When the “” is lit, it indicates Automatic Mode.



3. Each mode has 9 levels, with a corresponding level display for each. To adjust the suction level, short-press the “+” button to increase it and the “-” button to decrease it.



Night Light

Press and hold the Start/ Pause/Night Light Selection Button to turn the light on or off.

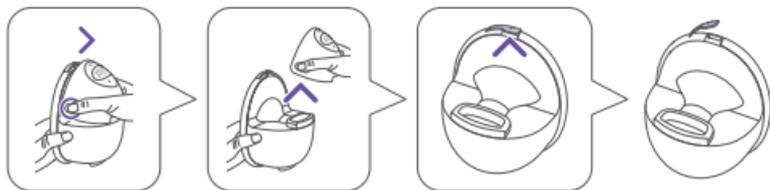


6. After Pumping

1. Once you finish the session, long-press the Power/ Mode Selection Button to turn the pump off.



2. Break the seal between the flange and breast using your finger and carefully remove the pump.
3. Keep the breast pump upright and remove the pump hub. Carefully open the tab on the flange.



4. If you use a different storage container, bottle, or breastmilk storage bag, carefully pour the milk into it to avoid spills.



7. Battery and Charging

The pump cannot be used while charging. Once fully charged (3 bars displayed without flashing), it is ready for use. If only 1 bar is flashing, please charge the pump. It will take approximately 1.5 hours to fully charge with the charging cable provided.

Using the night light function will drain the battery more quickly. Please check the battery indicator every time you use the pump to ensure there is enough charge remaining for your next session.



Battery Status Indicator

BATTERY STATUS INDICATOR DISPLAYED	OPERATING TIME REMAINING
3 bars	Approximately 150 minutes
2 bars	Approximately 100 minutes
1 bar	Approximately 60 minutes
1 bar flashing	Approximately 5 minutes

The indications are based on operation without the night light feature.

WARNING: Using incompatible charging equipment may damage the pump. Please use the provided charging cable along with a 5V 2A power supply. **DO NOT** use a fast-charging cable or fast-charging adapter (brick).

8. Cleaning and Disinfecting Instructions

Cleaning After Each Use

DO NOT rinse or submerge pump hub in water!

1. Disassemble the DiscreetDuo™ Flow Wearable Breast Pump and set aside the pump hub.

2. Rinse the washable parts with cold water immediately after each use. Place the parts in a clean wash basin used only for washing infant feeding equipment. Do not place the parts directly in the sink, because germs in sinks or drains could contaminate the parts. The pump hub should never be rinsed or submerged in water. Wipe down the pump hub and keypad with a low-level disinfectant such as ethyl or isopropyl alcohol (70-90%).
3. Hand wash the washable parts using warm, soapy water. A nipple brush may be used to scrub the hard plastic parts, but should not be used on the silicone parts.
4. Rinse the parts with running clean, warm water, or by submerging in fresh water in a separate basin that is used only for cleaning infant feeding items.
5. Place the parts on a clean, unused dish towel or paper towel in an area protected from dirt and dust. Do not use a dish towel to rub or pat items dry. Allow the parts to dry completely before assembly and use. Partially dried parts may affect the operation of the pump.
6. Once all parts are dry, they can be stored in a clean plastic bin with a lid or in a clean plastic zipper bag.
7. Clean wash basin and bottle brush. Rinse them well and allow them to air dry after each use. Wash them by hand or in a dishwasher at least every few days.

Disinfecting Parts

1. Place clean parts in a large pot and cover the parts with water, ensuring that all parts are fully submerged.
2. Bring the water to a boil and allow the parts to boil for 5 minutes.
3. After boiling, remove the parts from the pot with tongs and place on a clean towel to dry, covering the parts with a second towel.
4. Allow the parts to dry completely before assembly and use. Partially dried parts may affect the operation of the pump and could cause deterioration of the components.
5. Once the parts are dry, they can be stored in a clean plastic bin with a lid or in a clean plastic zipper bag. Do not store the parts in a container or a bag until fully dry.

WARNING: DO NOT use a microwave to disinfect.



9. Breastmilk Storage Guidelines

Breastmilk Storage and Thawing Guidelines for Full-Term Healthy Babies

Check with your healthcare provider or an International Board Certified Lactation Consultant for specific storage instructions. When freezing, store in the back of the freezer and do not store milk in the door as temperature can fluctuate as the door is opened and closed.

Guide to Storing Fresh Breastmilk for Use With Healthy, Full-Term Babies

PLACE	TEMPERATURE	HOW LONG	THINGS TO KNOW
Countertop, table	Room temperature (up to 77°F)	Up to 4 hours	Containers should be covered and kept as cool as possible. Covering the container with a clean cool towel may keep milk cooler. Throw away any leftover milk within 2 hours after the baby is finished feeding.
Refrigerator	40°F	Up to 4 days	Store milk in the back of the refrigerator. When at work, it's OK to put breastmilk in a shared refrigerator. Be sure to label the container clearly.
Freezer	0°F or colder	Within 6 months is best. Up to 12 months is acceptable	Store milk toward the back of the freezer where the temperature is most constant. Milk stored at 0°F or colder is safe for longer durations, but the quality of the milk might not be as high.

Source: Adapted from 7th Edition American Academy of Pediatrics (AAP) Pediatric Nutrition Handbook (2014); 2nd Edition AAP/American College of Obstetricians and Gynecologists (ACOG) Breastfeeding Handbook for Physicians (2014); Academy of Breastfeeding Medicine (ABM) Clinical Protocol #8 Human Milk Storage Information for Home Use for Full-Term Infants(link is external) (2017); CDC Human Milk Storage Guidelines (2024).

Date all breastmilk and use the oldest breastmilk first.

NOTE: DO NOT refreeze milk once it is thawed.

Thawing

Thaw frozen milk in the refrigerator or place the containers under cool running water, gradually warming the water until the milk is thawed. Thawed milk can be kept in a refrigerator for up to 24 hours.

Breastmilk is not homogenized, and you may notice that it separates as it sits. Gently swirl thawed milk before feeding to baby to mix the layers that have separated. Breastmilk can vary in color and consistency depending upon the time of day that the milk was expressed, what you have eaten, and the age of the baby at the time of pumping.

Please reference the below link for the most current breastmilk storage and usage guidelines: <https://www.cdc.gov/breastfeeding/breast-milk-preparation-and-storage/handling-breastmilk.html>

NOTE: DO NOT MICROWAVE HUMAN MILK! Microwaving alters the composition of the milk. Microwaving also may create “hot spots” in the milk that could burn the infant.

10. Tips to Maintain Optimal Performance and Troubleshooting

Tips to Maintain Optimal Performance

- **Replace Parts Regularly:** Parts that come into contact with milk should be replaced regularly. If you notice a loss of suction, check your pump parts—especially the valves. Look for signs of wear, fraying, or stretching, and replace them if needed.
 - **Replacement Recommendations**
 - Diaphragm, valve, and silicone insert – Replace every 2–3 months
 - Flange and milk collector – Replace every 3–6 months
- **Monitor Milk Levels:** Don't allow the milk collector to fill completely. An overflow can lead to leaks.
- **Maintain Proper Positioning:** Always remain upright during pumping. Do not bend over or lie down. Remove the hub before transferring milk from the pump to another container.
- **Prevent Pump Hub Damage:** Remove the hub before transferring milk from the pump to another container. Avoid any contact between milk and the pump hub. Exposure to liquids can cause irreparable damage to the pump hub. Handle the pump hub with care to prevent it from falling onto the floor.
- **Store Pump Properly:** Always store the pump in a dry location, away from liquids, when not in use.

Troubleshooting

Pump Has No Power

- Verify that the battery is properly charged. If the battery is drained, use the provided USB-C cable and connect the pump hub to a USB power source, charging the pump for 1.5 hours. Use a charger with a 5V 2A output to prevent damage to the battery and the pump hub. Check the cable is properly connected to the pump.
- While charging, check the battery icon on the screen is visible and flashing. The pump is fully charged when 3 bars are displayed and not flashing.

Low or No Suction

- Make sure that all components are clean, dry and assembled correctly.
- While pumping, make sure the flange creates a complete seal around the breast.

Battery Losing Power Too Quickly

- Once the pump is 100% charged, the battery will last for approximately 150 minutes, although this will vary depending on the operating setting. Using the night light function will drain the battery more quickly.

Breastmilk Leaking From the Pump

- If the pump leaks toward the end of a session, check whether the milk collector is overfilled.
- Avoid bending over or reclining during a pumping session. Ensure the pump is kept in an upright position and not leaning, as tilting may cause leakage, which may damage the pump hub.
- When finishing a session, keep the pump upright while removing it from your bra until the motor is detached. Tilting it too early can lead to milk spilling into the pump hub.

If the pump is still not working properly or does not improve, please contact Lansinoh® Customer Care by calling 800-292-4794 or emailing customerservice@lansinoh.com.

11. Technical Data

1. Power Supply

Battery Operation: Rechargeable Li Ion battery, 3.7V/1500 mAh/102530*2

Operating Time: Approximately 150 minutes of use, depending on the selected pumping setting.

Pump Power Dissipation: 10 Watts maximum

Voltage Regulation: Linear regulator with low swing voltage and short-circuit protection

2. Control System

Control Unit: Microcontroller with integrated program memory and pressure sensitivity

Program Memory: 32K flash memory (ROM), 2.5K memory (RAM)

Human-Machine Interface: LED display, soft buttons

Selectable Pumping Style Mode: 4 pumping style modes are selectable and controlled from buttons

Adjustable Suction Level: 9 suction levels are selectable and controlled from buttons

Suction Vacuum Level (Expression): Minimum 120 mmHg, Maximum 280 mmHg

SYMBOLS	MEANING OF THE SYMBOLS
	Follow instructions for use
	Caution
	Identifies the manufacturer
	Indicates the date of manufacture
	Type BF applied part
	Class II equipment
	Keep the device dry
	Keep the device away from sunlight
	This way up
	Indicates the temperature limitation for operation, transport and storage.
	Indicates the humidity limitation for operation, transport and storage.
	Indicates the atmospheric pressure limitation for operation, transport and storage.

IP22	Indicates the protection against ingress of solid foreign objects and against harmful effects due to the ingress of water
	The device is to be rendered unusable and it must be disposed of as sorted waste in accordance with local waste electrical and electronic equipment regulations. To avoid the harmful effects on the environment and public health align with your defined local return and collection rules for waste electrical and electronic equipment (incl. batteries).
	Indicates that the packaging contains products intended to come in contact with food.
	Indicates to handle the fragile device with care.
	Indicates that a specific separate power adapter is required for connecting the device to the supply mains and specifies its model/type.
	Keep out of reach of children
	Do not use metal tools to touch or open battery
	Product or packaging material can be recycled

	<p>Do not throw battery into fire</p>
	<p>Number 20 inside the universal recycling symbol represents items made of cardboard. Cardboard is recyclable, but not all locales accept it.</p>
	<p>Guarantees that packaging with this symbol is recyclable and will be accepted by cardboard recyclers.</p>

	<p>The "Recognized Component Mark" is a type of quality mark issued by Underwriters Laboratories (UL). It is placed on components which are intended to be part of a UL listed product.</p>
	<p>Indicates that the power adapter is for indoor use only.</p>
	<p>Indicates that the device's electromagnetic interference is below the limit set by the US Federal Communications Commission.</p>

12. Limited Consumer Product Warranty (United States)

This product is warranted to the original consumer purchaser (the "purchaser") to be free from defects in material and workmanship which are not commercially acceptable for the period of one year from the date of purchase on the pump mechanism (pump body and pump hub) and the period of 90 days from the date of purchase on all other product components. This warranty is provided only to products purchased in the United States or Canada and parts shipped within the United States or Canada.

Warranty coverage terminates if you (1) sell or otherwise transfer this product to another person; (2) improperly or incorrectly perform any maintenance or repair of this product; (3) use any non-Lansinoh® brand replacement parts with this product; or (4) misuse, abuse, or alter the product. This warranty gives you specific legal rights and you may also have other rights, which vary, by location.

LANSINOH® MAKES NO EXPRESS OR IMPLIED WARRANTY OF ANY KIND REGARDING THE PRODUCT OTHER THAN THOSE WARRANTIES EXPLICITLY SET FORTH HEREIN. ANY IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, TO THE EXTENT PERMITTED BY LAW, SHALL BE LIMITED IN DURATION TO A PERIOD OF 90 DAYS FROM THE DATE OF PURCHASE BY THE ORIGINAL PURCHASER.

In the event the product is found by Lansinoh® to not meet the above limited warranty, as purchaser's sole and exclusive remedy Lansinoh® will repair or, at the option of Lansinoh®, replace this product without charge for such replacement or parts or labor. No replacement or repair is provided outside of the United States or Canada.

NOTE: The purchaser shall bear all expense for returning this product to Lansinoh®.

Only Lansinoh® brand replacement parts are recommended for use with Lansinoh® breastfeeding products.

TO THE EXTENT PERMITTED BY LAW, LANSINOH® SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, REPLACEMENT COSTS RESULTING FROM THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY.

If you wish to make a claim under this warranty, you must return the product to Lansinoh® Laboratories Inc., prepaid, together with your dated bill of sale or other dated proof of purchase and a brief statement of the problem, along with a Replacement Authorization (RA) number. You may obtain the appropriate Replacement Authorization number and shipping address by calling the phone number or sending an email to the email address provided below.

Items returned without an associated Replacement Authorization Number will be returned to sender.

To obtain the address to Return Goods or a Replacement Authorization Number:
1-800-292-4794 | customerservice@lansinoh.com

13. Declaration of Electromagnetic Compatibility (EMC)

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.

Electromagnetic Emission

GUIDANCE AND MANUFACTURER'S DECLARATION – ELECTROMAGNETIC EMISSION

The model S3 is intended for use in the electromagnetic environment specified below. The customer or the user of the model S3 should assure that it is used in such an environment.

Emissions Test	Compliance	Electromagnetic Environment – Guidance
RF emissions CISPR 11	Group 1	The model S3 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 S3 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	
Voltage fluctuations / flicker emissions IEC 61000-3-3	Not applicable	

Electromagnetic Immunity

GUIDANCE AND MANUFACTURER'S DECLARATION – ELECTROMAGNETIC IMMUNITY

The model S3 are intended for use in the electromagnetic environment specified below. The customer or the user of the model S3 should assure that it is used in such an environment.

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment - Guidance
Electrostatic discharge IEC 61000-4-2	± 2 kV, ± 4 kV, ± 6 kV, ± 8 kV contact ± 2 kV, ± 4 kV, ± 8 kV, ± 15 kV air	± 2 kV, ± 4 kV, ± 6 kV, ± 8 kV contact ± 2 kV, ± 4 kV, ± 8 kV, ± 15 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Electrostatic transient/ burst IEC 61000-4-4	± 2 kV for power supply lines 100 kHz repetition frequency ± 1 kV for input/output lines	Not applicable	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	± 0.5 kV, ± 1 kV differential mode line-line	Not applicable	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	0 % U_T (100 % dip in U_T) for 0.5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270°, and 315° 0 % U_T (100 % dip in U_T) for 1 cycle at 0° 70 % U_T (30 % dip in U_T) for 25/30 cycles at 0° 0 % U_T (100 % dip in U_T) for 250/300 cycle at 0°	Not applicable	Mains power quality should be that of a typical commercial or hospital environment. If the user of the models S3 requires continued operation during power mains interruptions, it is recommended that the models S3 be powered from an uninterruptible power supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	30 A/m, 50/60Hz	30 A/m, 50/60Hz	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.

<p>IMMUNITY to proximity magnetic fields</p>	<p>65A/m, Modulation: Pulse modulation, 2.1KHz Test frequency: 134.2KHz; 7.5A/m, Modulation: Pulse modulation, 50KHz Test frequency: 13.56MHz;</p>	<p>65A/m, Modulation: Pulse modulation, 2.1KHz Test frequency: 134.2KHz; 7.5A/m, Modulation: Pulse modulation, 50KHz Test frequency: 13.56MHz;</p>	<p>/</p>
<p>NOTE: U_1 is the a. c. mains voltage prior to application of the test level.</p>			
<p>Conducted RF IEC 61000-4-6</p>	<p>3 Vrms 150 kHz to 80 MHz 6 Vrms 150 kHz to 80 MHz outside ISM bands and amateur radio bands^a</p>	<p>3 Vrms 150 kHz to 80 MHz 6 Vrms 150 kHz to 80 MHz outside ISM bands and amateur radio bands^a</p>	<p>Portable and mobile RF communications equipment should be used no closer to any part of the models S3, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</p> <p>Recommended Separation Distance</p> $d = [3.5\sqrt{P}] \sqrt{P}$ $d = [3.5/E_1] \sqrt{P} \quad 80\text{MHz to } 800\text{MHz}$ $d = [7/E_2] \sqrt{P} \quad 800\text{MHz to } 2.7\text{GHz}$ <p>Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters(m).^b Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey,^c should be less than the compliance level in each frequency range.^d Interference may occur in the vicinity of equipment marked with the following symbol:</p>
<p>Radiated RF IEC 61000-4-3</p>	<p>10 V/m 80MHz to 2.7 GHz</p>	<p>10 V/m 80 MHz to 2.7 GHz</p>	
<p>NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.</p>			
<p>NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.</p>			

a /The ISM (industrial, scientific and medical) bands between 0,15 MHz and 80 MHz are 6,765 MHz to 6,795 MHz; 13,553 MHz to 13,567 MHz; 26,957 MHz to 27,283 MHz; and 40,66 MHz to 40,70 MHz. The amateur radio bands between 0,15 MHz and 80 MHz are 1,8 MHz to 2,0 MHz, 3,5MHz to 4,0 MHz, 5,3 MHz to 5,4 MHz, 7 MHz to 7,3 MHz, 10,1 MHz to 10,15 MHz, 14 MHz to 14,2MHz, 18,07 MHz to 18,17 MHz, 21,0 MHz to 21,4 MHz, 24,89 MHz to 24,99 MHz, 28,0 MHz to 29,7 MHz and 50,0 MHz to 54,0 MHz.

b /The compliance levels in the ISM frequency bands between 150 kHz and 80 MHz and in the frequency range 80 MHz to 2,7 GHz are intended to decrease the likelihood that mobile/portable communications equipment could cause interference if it is inadvertently brought into patient areas. For this reason, an additional factor of 10/3 has been incorporated into the formulae used in calculating the recommended separation distance for transmitters in these frequency ranges.

c/ Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the / is used exceeds the applicable RF compliance level above, the / should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the /.

d/ Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

Recommended Separation Distances

RECOMMENDED SEPARATION DISTANCES BETWEEN PORTABLE AND MOBILE RF COMMUNICATIONS EQUIPMENT AND THE MODEL S3

The model S3 is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the model S3 can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the model S3 as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output of transmitter/W	Separation distance according to frequency of transmitter/m		
	150 kHz to 80 MHz $d = [3.5/\sqrt{P}] \sqrt{P}$	80 MHz to 800 MHz $d = [3.5/E_i] \sqrt{P}$	800 MHz to 2.7 GHz $d = [7/E_i] \sqrt{P}$
0.01	0.12	0.035	0.07
0.1	0.38	0.11	0.22
1	1.2	0.35	0.7
10	3.8	1.11	2.21
100	12	3.5	7

For transmitters rated at a maximum output power not listed above the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

RECOMMENDED SEPARATION DISTANCES BETWEEN RF WIRELESS COMMUNICATIONS EQUIPMENT

The device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the device can help prevent electromagnetic interference by maintaining a minimum distance between RF wireless communications equipment and the device as recommended below, according to the maximum output power of the communications equipment.

Frequency /MHz	Maximum Power /W	Distance /m	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment – Guidance
385	1.8	0.3	27	27	RF wireless communications equipment should be used no closer to any part of the device, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended Separation Distance $E = 6/d \sqrt{P}$ Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m). Field strengths from fixed RF transmitter, as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range. Interference may occur in the vicinity of equipment marked with the following symbol: 
450	2	0.3	28	28	
710	0.2	0.3	9	9	
745					
780					
810	2	0.3	28	28	
870					
930					
1720	2	0.3	28	28	
1845					
1970					
2450	2	0.3	28	28	
5240	0.2	0.3	9	9	
5500					
5785					

NOTE 1: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Disposal Information

The Breast Pump contains a rechargeable lithium ion battery. Use your local return and collection system for electrical waste and electronic equipment (including batteries). Flange, silicone diaphragm, 21 mm soft flange insert, and valve should be disposed of in your home's waste management container.

WARNINGS:

- This device should not be used in the vicinity or on the top of other electronic equipment such as cell phone, transceiver or radio control products. If you have to do so, the device should be observed to verify normal operation.
- The use of accessories and power cord other than those specified, with the exception of cables sold by the manufacturer of the equipment or system as replacement parts for internal components, may result in increased emissions or decreased immunity of the equipment or system.

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