Instructions for Use

Willow Go® Breast Pump

In-Bra Breast Pump

willow®

Instructions for Use are updated periodically, so please check onewillow.com/GoIFU for current version.

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OVERVIEW

WARNINGS

1. Do not operate where aerosol spray products are used or oxygen is being administered.
2. Use product only for its intended use as described herein.
3. This product is for a single user and should not be shared between users.
4. Only use Willow Go® Breast Pump parts. Do not substitute or modify pump parts.
5. The product contains parts, such as the USB Charging Cable, which may present a hazard. Keep out of reach of children.
6. Do not attempt to open or repair Pump Body. No modification of this equipment is allowed. The pump contains an internal non-replaceable lithium-ion battery pack.
7. Pump Body is not a serviceable part.
8. Never operate product if USB Charging Cable is damaged or not working properly.
9. To protect against fire, electric shock and injury to users, do not immerse pump, USB cable or charger in water. If these components are immersed in water, do not operate the pump.
10. Do not operate if Pump is damaged or not working properly.
11. Misuse of the breast pump may result in the risk of fire, electric shock and/or personal injury.

12. Willow Go® Breast Pump is not provided sterile and must be cleaned, and the washable parts boiled for 5 minutes before first use.
13. If the power adapter casing or wiring becomes loose, separated, or frayed, stop use of the power adapter immediately and contact the device manufacturer. Stop using the device immediately if you note any smoke or burning from the pump unit or power adapter.
14. Do not use the breast pump while driving, when sleep/drowsy, or while lying down.
15. Care should be taken when storing your Pump and associated parts. Improper storage of the device (e.g., storing wet components, inappropriate temperatures, exposure to sunlight, etc.) may result in damage to the device and cause harm to the device user.
16. The Willow Go Breast Pump is not intended to be used during air transport.
17. If you are a mother who is infected with Hepatitis B, Hepatitis C or Human Immunodeficiency Virus (HIV), pumping breast milk will not reduce or remove the risk of transmitting the virus to your baby through your breast milk.
18. Containers Bowls are marked with the maximum fill level at 5 ounces (150 mL). Monitor milk level during pumping to ensure overfill does not occur.

19. If you feel excessive warmth from the Willow Go® Breast Pump while pumping, stop pumping immediately and remove pump. Contact Willow.
20. If irritation or discomfort occurs, discontinue use and see a doctor
21. Splashguards provided in this pump kit are only compatible with Willow Go Splashguard Containers. Do not use Splashguards with earlier versions of Willow Go Containers, because they do not have a vent to prevent pressurization, which could cause leaking to occur.

PRECAUTIONS

1. If package appears damaged or tampered with before use, do not use and contact Customer Care.
2. If pumping is uncomfortable, change suction, turn off and reposition Pump, or remove the Pump and discontinue session. Consult your healthcare professional.
3. Before each use visually inspect each part for signs of wear and tear (cracks, chips, tears, discoloration or deterioration). In the event that damage to the device is observed, discontinue use until the parts have been replaced.
4. If discomfort is felt, then suction can be broken by inserting a finger between the breast and the flange.
5. Before use, ensure that your hands and the breast pump are clean.
6. Read all instructions before using the Willow Go Breast Pump.

SYMBOL DEFINITIONS

For definition of symbols, please refer to the Symbols Glossary on pages 39-40

INDICATIONS FOR USE

The Willow Go® Breast Pump is a powered breast pump to be used by lactating women to express and collect milk from their breasts. The device is intended for a single user.

CONTRAINDICATION - No known contraindications.

USAGE & OPERATING LIFE

The Willow Go Pump has an expected operating life of 12 months.
The Pump Diaphragm, Splashguard Container Assembly, and Flange are reusable parts and should be cleaned after each use. The expected operating life of these components is 3 months.

PRODUCT DESCRIPTION

The Willow Go Breast Pump is a personal use, wearable breast pump for single and double pumping.
The Breast Pump is not provided sterile. Prior to first use, wipe down Pump with 70-90% ethyl or isopropyl alcohol. Clean the 6 washable parts (milk-contacting parts and diaphragm) and then boil for 5 minutes.
For routine Pump and parts cleaning, see instructions provided on pages 23-25.

The following replacement parts and accessories are available for purchase: Pump Diaphragm, 5oz (150mL) and 7oz (200mL) Splashguard Container Assembly, Flange (21mm, 24mm, and 27mm), and USB Charger.

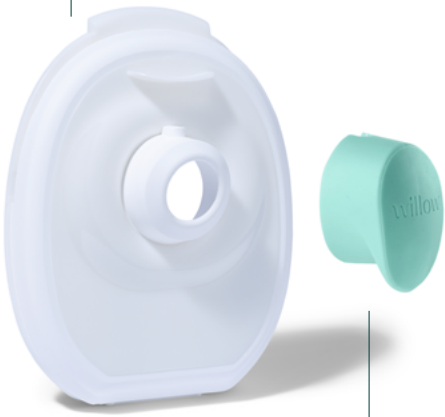
PRODUCT PARTS

USB Charging Cable
**USB Charger sold separately*

Flange
(21 mm & 24 mm)

Pump Motor

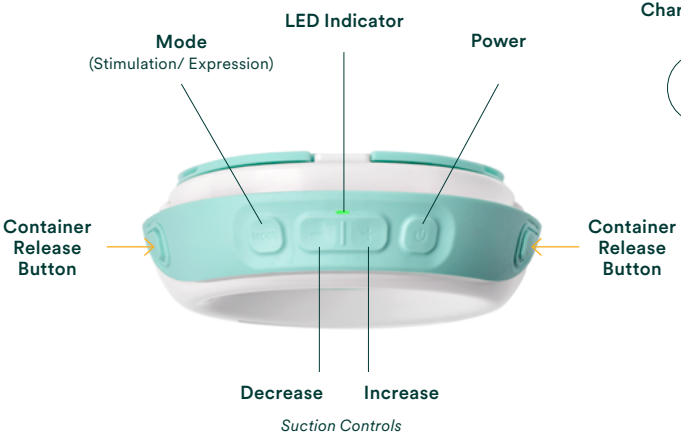
Pump Diaphragm



**The Splashguard does not serve as a leak proof cap. The container has a necessary vent hole so air can escape while pumping.*

PRODUCT OVERVIEW

NON-WASHABLE PARTS



Pump Motor - Top

Pump Motor - Side

WASHABLE PARTS

Container Duckbill Valve

Pump Diaphragm

Splashguard

Container Bowl

Container Back

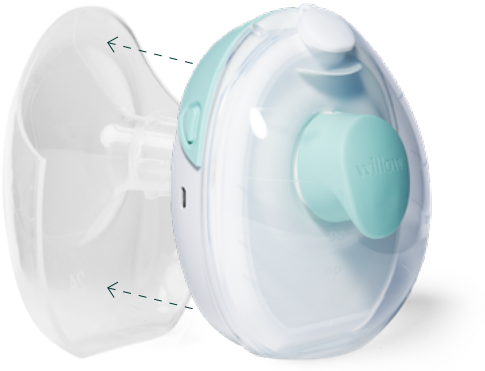
Flange

USAGE INSTRUCTIONS

1. GETTING STARTED: DISASSEMBLY

To get started, disassemble the Pump.

1



Remove Flange

2

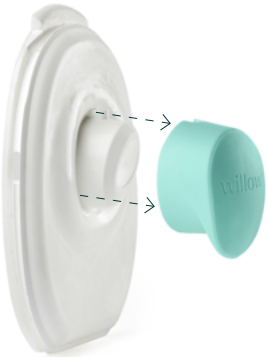
Remove Container

Splashguard
closed against bowl

3

Remove
Container Back

4



Remove Container
Duckbill Valve

5

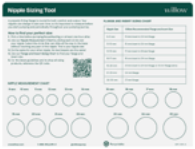
Remove Pump
Diaphragm

2. GETTING STARTED: BEFORE FIRST USE

BEFORE FIRST USE

Check your Flange fit

Use the Nipple Sizing Tool included in the box to measure your nipple and find your Flange size. Proper fit leads to greater comfort. 21 mm and 24 mm included. Additional 13 mm, 15 mm, 17 mm, 19 mm and 27 mm sizes are available for purchase.



Clean and Sanitize Parts:

The Breast Pump is not provided sterile. Prior to first use, wipe down Pump Motor with 70-90% ethyl or isopropyl alcohol. Clean the 6 washable parts (milk-contacting parts and diaphragm) and then boil for 5 minutes.

For routine Pump and parts cleaning, see instructions provided on pages 23-25.

Plug in Pump Motor until indicator light turns on

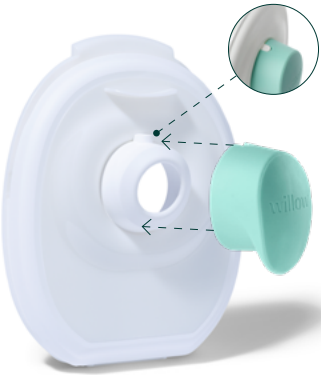
Pump comes partially charged, but needs to wake up from sleeping mode. Plug USB charging cable into the Pump Motor, then into USB charger (not included). Once charging, the LED Indicator will pulse.

Note: the Willow Go® Breast Pump is not provided sterile. Prior to first use, wipe down the Pump body with disinfectant wipes.

3. ASSEMBLY

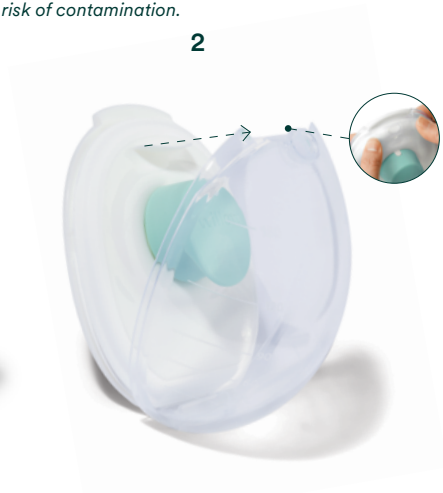
Note: *Ensure that your hands are clean before assembling the Pump. Avoid touching the inside of any parts that may come into contact with breast milk to limit risk of contamination.*

1



Press Duckbill onto Container Back, aligning tab

2



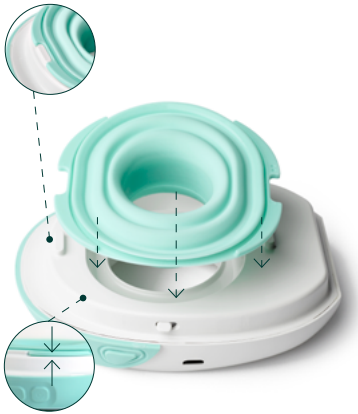
Press Container Back into Bowl, aligning tabs

3

Loop Splashguard around spout, fold over, and press into spout.

**The Splashguard does not serve as a leak proof cap. The container has a necessary vent hole so air can escape while pumping.*

4



Press Diaphragm into Pump, aligning tabs

5

Press assembled Container onto Pump until it clicks

6

Press Flange into assembled Pump

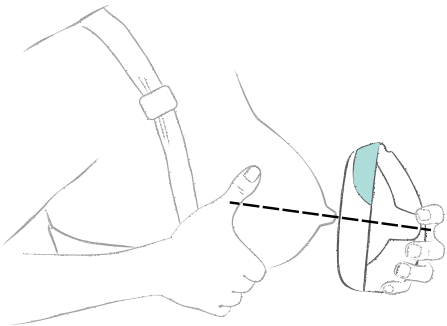
4. ALIGNING THE PUMP

Bring Pump to your breast, centering your nipple in the Flange tunnel.

IMPORTANT: Correct nipple alignment is key to comfort, output and performance

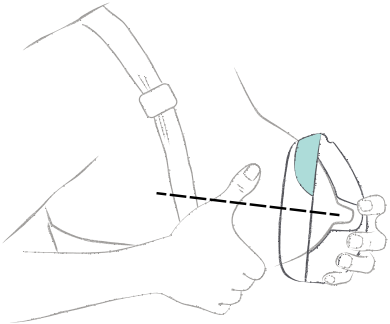
- Nipple must be positioned correctly in Flange tunnel before pumping to avoid discomfort
- If you still experience discomfort with proper placement, you may need a different Flange size. Use the Nipple Sizing Tool to help select the appropriate Flange size.
- Use a full-coverage nursing bra with nursing flap that supports the Pump firmly at top and bottom. For best support, you do *not* need to go up a cup size.

1



Align nipple in the center of the Flange tunnel

2



Bring Pump straight onto breast

3

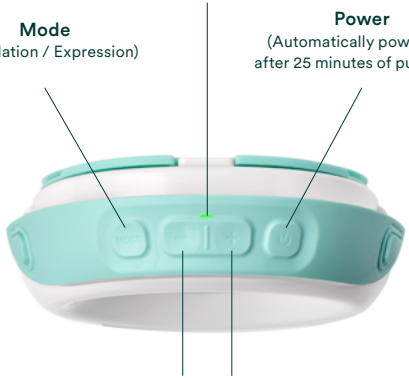
Close nursing bra
While pumping, keep your upper body in an upright position, whether sitting or standing.

5. PUMPING

Hold the Power button for one second to start and stop pumping. The LED Indicator will display green, orange or red for battery status, then turn off after 5 seconds for discreet pumping.

The Pump begins in Stimulation Mode with quick suckling. When you feel let-down, you may press the MODE button to switch to slower and stronger Expression Mode. The Pump automatically transitions to Expression Mode after 2 minutes. Press the MODE button at any time to change the speed from slow to fast, and adjust suction strength with the Increase / Decrease buttons to find the combination that is most comfortable.

Note: *Pump will not work when connected to a charger. Always disconnect Pump from charger before using. LED Indicator will be off during pumping unless a notification is triggered.*



Suction Controls

Color of light indicates battery status:

When Power button is pressed	While charging	
Green Solid	Green Pulsing	Enough for at least 3 pumping sessions (avg. 15 minutes) LED Indicator will turn off once battery is fully charged.
Orange Solid	Orange Pulsing	Enough for at least 1 pumping session (avg. 15 minutes)
Red Solid	Red Pulsing	Low battery - inadequately charged for session

	Stimulation Mode	Expression Mode
Number of Levels	6	9
Starting Level	1	Level used in Stimulation

IMPORTANT: Avoid setting suction at a level that causes discomfort. If you feel excessive discomfort or pain, stop pumping, remove Pump and realign or discontinue session.

6. TRANSFERRING MILK

When finished pumping, power off the Pump, break the seal around your breast, and remove the Pump from your nursing bra. Transfer the milk to a storage bottle / bag before removing the Container from the Pump. Do not wait before transferring the milk out of the container to avoid any backflow from the flange.

1

Open Splashguard and empty milk out through the Pour Spout into a bottle or bag, Container-side facing down.

2

BREAST MILK STORAGE GUIDELINES

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

Source: CDC Proper Storage and Preparation of Breast Milk

BREAST MILK STORAGE GUIDELINES

IMPORTANT:

1. Do not microwave breast milk.
2. Do not use hot water to thaw breast milk.
3. Do not refreeze thawed breast milk.
4. Write the date on the storage container. Include your child's name if you are giving milk to childcare provider.
5. Gently swirl the container to mix the cream part of the breastmilk that may rise to the top back into the rest of the milk. Do not shake the milk. This can make some of the milk's valuable parts break down.
6. Refrigerate or chill milk right after it is pumped, if possible. You can put it in the refrigerator, place it in a cooler or insulated cooler pack, or freeze it in small (2- to 4- ounce) batches for later feedings. Pumped milk is OK without being refrigerated for up to 4 hours after pumping.

SAFE THAWING OF BREAST MILK:

1. Always thaw the oldest breast milk first. Remember first in, first out. Over time, the quality of breast milk can decrease.
2. There are several ways to thaw your breast milk:
   a. In the refrigerator overnight.
   b. Set in a container of warm or lukewarm water.
   c. Under lukewarm running water.
3. Never thaw or heat breast milk in a microwave. Microwaving can destroy nutrients in breast milk and create hot spots, which can burn a baby's mouth.
4. If you thaw breast milk in the refrigerator, use it within 24 hours. Start counting the 24 hours when the breast milk is completely thawed, not from the time when you took it out of the freezer.
5. Once breast milk is brought to room temperature or warmed, use it within 2 hours.
6. Never refreeze breast milk after it has thawed.

Source: CDC Proper Storage and Preparation of Breast Milk

7. CLEANING

WARNINGS

Pump Motor

1. Do not sanitize Pump Motor using microwave or steam. Never immerse Pump Motor in water.
2. Do not store Pump Motor in the refrigerator or freezer.

Parts

1. Do not sanitize Flange or Container parts using microwave or steam.
2. Do not use harsh chemicals to clean parts.
3. Do not store damp parts; fully air dry parts before storing.

Safety

- Wash hands with soap and water before handling.
- Use a wash basin dedicated only to cleaning Pump parts and infant feeding items.

Note: *For additional cleaning guidelines see the Center for Disease Control website, or your local health department guidance.*

Washable parts
Before first use, boil for 5 minutes

Pump Motor is NOT washable
Wipe with disinfectant wipes
(such as isopropyl alcohol 70-90%).

IMPORTANT:
Replace washable parts after signs of wear and tear.

Note: *Avoid touching the inside of any parts that may come in contact with breast milk to prevent risk of contamination.*

Sanitization - Before First Use and As Needed.

- Pump Motor: Wipe with 70-90% ethyl or isopropyl alcohol.
- Washable Parts
  - Clean first.
  - Boil in water for 5 minutes, remove with clean tongs.
- - Allow to air dry on clean surface (e.g., clean paper towel or clean drying rack).

Cleaning - Before First Use and After Each Use.

- Disassemble parts.
- Rinse milk-contacting parts immediately in warm water.
- Soak with agitation for 5 minutes in hot, soapy water. Use mild dishwashing soap.
- Wash each part for 1 minute in warm water.
- Rinse well in warm water.
- If any residue is observed, repeat.
- Air dry completely on a clean surface (e.g., clean paper towel or clean drying rack).
- Store dry parts when not in use.
- Wipe down Pump Motor with 70-90% ethyl or isopropyl alcohol.

Storing the Pump

Short Term

- Recharge if LED indicates low battery (red).
- Thoroughly clean / dry washable parts.
- Do NOT store milk in the assembled Container.

Long Term

- Thoroughly clean / dry washable parts.
- Prevent mold from forming by ensuring parts and storage bag are completely dry before storing.

8. CHARGING

- Check battery status by pressing the Power button.
- If battery is low, charge Pump with provided USB Charging Cables.
- When Pump is charging, the LED Indicator will pulse. When Pump is fully charged, the LED Indicator light will turn off.
- Pump can be can fully charged in about 2 hours when using a 5V / 2A charger.

Refer to page 19 for battery color indicators.

IMPORTANT: Pump will not operate while plugged into electrical outlet. Only use included USB Charging Cables and chargers compatible with specifications identified on page 28 (Technical Information).

9. TROUBLESHOOTING

The Pump automatically turns off after 25 minutes. You may turn off the pump at any time. Press the Power button to restart Pump with a new session.

If your Pump is not working, or the LED Indicator is blinking red:

- Make sure the Pump is charged
- Make sure the Pump is fully assembled
- Check parts for wear and tear; replace any damaged parts
- Reset the Pump by pressing and holding the Power button for at least 6 seconds

The Willow Go® Breast Pump is not a serviceable device.

If you experience any issues or need help setting up or operating your Pump, please visit help.onewillow.com.

TECHNICAL INFORMATION

WARRANTY

Under our limited warranty, Willow * (“we,” “us,” “our”), warrants to the original consumer purchaser (the “purchaser”) to be free from defects in material and workmanship for the period of 12 months from the date of Pump purchase and the period of 90 days from purchase on all other product components under normal use and conditions (the “Warranty Period”). This limited warranty does not cover damage caused by accident, misuse, normal wear and tear, improper use, unauthorized maintenance or repair, or failure to follow written instructions for use. The Pump can not be submerged in water, washed or sanitized, placed in the refrigerator or freezer. The Flange can not be placed in microwave or microwave sterilizer bags. Doing so voids this limited warranty. Warranty coverage terminates if you sell or otherwise transfer this product to another person. This warranty gives you specific legal rights and you may also have other rights, which vary, by location.

WILLOW MAKES NO EXPRESS WARRANTY OF ANY KIND REGARDING THE PRODUCT OTHER THAN THOSE WARRANTIES EXPLICITLY SET FORTH HEREIN. ANY IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, NON-INFRINGEMENT, QUIET ENJOYMENT, 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.

**Note: Willow Innovations, Inc.*

In the event the product is found by Willow to not meet the above limited warranty in the Warranty Period, as purchaser's sole and exclusive remedy Willow will repair or, at the option of Willow, replace this product without charge for such replacement or parts or labor. NOTE: The purchaser shall bear all expense for returning this product to Willow. This limited warranty does not apply to any product that has been used commercially, subjected to misuse, abuse, or alteration.

Only Willow brand replacement parts are recommended for use with Willow breastfeeding products. Improper or incorrectly performed maintenance or repair, or use of non-Willow brand replacement parts may invalidate this limited warranty.

TO THE EXTENT PERMITTED BY LAW, Willow SHALL NOT BE LIABLE FOR ANY INDIRECT, SPECIAL, PUNITIVE, EXEMPLARY INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, REPLACEMENT COSTS RESULTING FROM THE BREACH OF ANY WRITTEN OR IMPLIED WARRANTY.

If you wish to make a claim under this limited warranty, you must return the product to Willow prepaid, together with your dated bill of sale or other dated proof of purchase and a brief statement of the problem, along with a Returned Goods Authorization number. You may obtain the appropriate Authorization number and shipping address by calling the phone number. Items returned without an associated Returned Goods Authorization Number will be returned to sender.

To obtain the address to return goods or a Returned Goods Authorization Number contact the Customer Care Team.

We recommend recording your serial number here when you first open your Pump for easy reference when contacting Willow Customer Care Team. The serial number can be found on the bottom of the Pump.

Record the Serial Number(s) here for easy reference:

Pump 1:											

Pump 2:											

POWER

Use the USB Charging Cables included with your Pump.

USB charger is available at onewillow.com.

Recommended Charger Specifications:

Input: 100-240V AC, 50/60Hz 0.28A

Output: 5V DC 1.0A min. per port

Willow Charger Part Number:

REF WDCB76

Date of Manufacture:

Year Code							
2016	2017	2018	2019	2020	2021	2022	2023
A	B	C	D	E	F	G	H
2024	2025	2026	2027	2028	2029	2030	2031
I	J	K	L	M	N	O	P

Month Code											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2	3	4	5	6	7	8	9	A	B	C

SPECIFICATIONS

Pump dimensions: 80mm x 120mm x 135mm

Pump weight: 385g

Vacuum strength: 75 - 295 mmHg

Cycle speed: 20 - 100 cpm

Pump Operating life: The operating life of this breast pump is defined to be approximately three 15-minute sessions per day, for one year. The operating life for the washable parts is 3 months.

Battery: Internal Lithium-Ion (not replaceable)

Date of Manufacture: The date of manufacture can be located within the serial number of the pump. The serial number is an 11 digit number formatted as xxxYMxxxxxx where Y is the year and M is the month. Use the tables to determine the year and month of manufacture.

OPERATING CONDITIONS

Operating Temperature	5 to 32 °C
Relative Humidity	15% - 90%; non-condensing
Pressure	700 hPa to 1060 hectopascal

TRANSPORTATION AND STORAGE

Temperature	-20 to 60 °C
Relative Humidity	15% - 90%; non-condensing
Pressure	700 hPa to 1060 hectopascal

DISPOSAL INFORMATION

The Willow Go® Breast Pump contains a rechargeable lithium ion battery. Use your local return and collection system for electrical waste and electronic equipment (including batteries). Pump Diaphragm, Splashguard Container Assembly, and Flange should be disposed of per your local waste management requirements.

ELECTROMAGNETIC COMPATIBILITY COMPLIANCE STATEMENT INFORMATION

The Willow Go® Breast Pump may be used at home, office, professional healthcare environment or other general areas.

Special consideration should be given to use:

- In High Electrostatic Discharge Environments: If the air is very dry, use the Pump where floors are wood, concrete, or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%. If you notice shocks when you touch things, as sometimes happens in very dry winter months, be sure to touch a metal item such as a table before handling the Pump.

WARNINGS:

- Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.
- Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.
- Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the Willow Go Breast Pump, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

The essential performance functions include vacuum not exceeding 295 mmHg and backflow protection to prevent milk leakage into the motor unit. The Willow Go® Breast Pump was tested for immunity to electromagnetic disturbances and passed using the criteria of maximum vacuum, backflow protection and operation of the breast pump.

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.

GUIDANCE AND MANUFACTURER'S DECLARATION - ELECTROMAGNETIC EMISSIONS		
Emissions Test	**Compliance**	**Electromagnetic Environment – Guidance**
RF emissions CISPR 11	Group 1	The Willow Go® Breast Pump uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Group 1	The Willow Go Breast Pump is intended for use in the electromagnetic environment specified below. The customer or user of the Willow Go Breast Pump should ensure that it is used in such an environment.
RF emissions CISPR 11	Class B	The Willow Go Breast Pump is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Class A	Not applicable
Voltage fluctuations / flicker emissions IEC 61000-3-3	Complies	Not applicable

The Breast Pump has been tested and complies with the requirements for IEC 60601-1-2 4th Edition, Tables 4 through Table 9. See Guidance and Declaration of Electromagnetic Immunity in the following pages in this Instructions for Use.

The assembled Breast Pump is a Type BF Applied Part according to IEC 60601-1.

GUIDANCE AND MANUFACTURER'S DECLARATION - ELECTROMAGNETIC EMISSIONS

The Willow Go® Breast Pump is intended for use in the electromagnetic environment specified below. The customer or user of the Willow Go Breast Pump should ensure that it is used in such an environment.

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment – Guidance
Electrostatic discharge (ESD) IEC 61000-4-2 Normal operation while on battery power and Battery Charge Mode	Contact: ±8 kV Air: ±2 kV, ±4 kV, ±8 kV, and ±15 kV	Contact: ±8 kV Air: ±2 kV, ±4 kV, ±8 kV, and ±15 kV	Floors should be wood, concrete, or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Electrical fast transient/ burst IEC 61000-4-4	±2 kV for power supply lines	±±2 kV for power supply lines	Mains power quality should be that of a typical commercial, home or hospital environment.
Surge IEC 61000-4-5	± 0.5 kV, ±1 kV line to line	± 0.5 kV, ±1 kV line to line	Mains power quality should be that of a typical commercial, home or hospital environment.

GUIDANCE AND MANUFACTURER'S DECLARATION – ELECTROMAGNETIC IMMUNITY

The Willow Go® Breast Pump is intended for use in the electromagnetic environment specified below.
The customer or user of the Breast Pump should ensure that it is used in such an environment.

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment –Guidance
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	0 % UT; 0,5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315° 0 % UT; 1 cycle at 0° 70 % UT; 25/30 cycles at 0° tested at 100 V 60 Hz and 240 VAC 50 Hz 0 % UT; 250/300 cycle tested at 230 V, 50 Hz	0 % UT; 0,5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315° 0 % UT; 1 cycle at 0° 70 % UT; 25/30 cycles at 0° tested at 100 V 60 Hz and 240 VAC 50 Hz 0 % UT; 250/300 cycle tested at 230 V, 50 Hz	Mains power quality should be that of a typical commercial, home or hospital environment. If the user of the Willow Go Breast Pump requires continued operation during power mains interruptions, it is recommended that the Willow Go Breast Pump be powered from an uninterruptible power supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	30 A/m	30 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial, home or hospital environment.

NOTE: UT is the A.C. mains voltage prior to application of the test level.

GUIDANCE AND MANUFACTURER'S DECLARATION - ELECTROMAGNETIC EMISSIONS

The Willow Go® Breast Pump is intended for use in the electromagnetic environment specified below. The customer or user of the Willow Go Breast Pump should ensure that it is used in such an environment.

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment –Guidance
Radiated RF EM Fields IEC 61000-4-3	10V/m 80MHz to 2.7 GHz	10V/m 80MHz to 2.7 GHz	Portable and mobile RF Communications equipment should be used no closer to any part of the Willow Go Breast Pump, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance: $d = 1.2\sqrt{P}$ 80 MHz to 800 MHz $d = 1.2\sqrt{P}$ 800 MHz to 2.7 GHz 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 transmitters, as determined by an electromagnetic site survey, a. should be less than the compliance level in each frequency range. b. Interference may occur in the vicinity of equipment marked with the following symbol:
Conducted disturbances induced by RF fields IEC 61000-4-6	3 V; 150 kHz to 80 MHz 6 V; ISM and amateur radio bands between 0.15 MHz and 80 MHz	Not applicable	The Willow Go Breast Pump is exempt from this test.

NOTE 1: At 80 MHz and 800 MHz, 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.

ENCLOSURE PORT IMMUNITY TO RF WIRELESS COMMUNICATIONS EQUIPMENT				
Test frequency (MHz)	Band (MHz)	Service	Modulation	Immunity test level (V/m)
385	380-390	TETRA 400	Pulse modulation 18 Hz	27
450	430-470	GMRS 460, FRS 460	FM ± 5 kHz deviation 1kHz sine	28
450	430-470	GMRS 460, FRS 460	FM ± 5 kHz deviation 1kHz sine	28
710	704-787	LTE Band 13, 17	Pulse modulation 217 Hz	9
745				
780				
810	800-960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation 18 Hz	28
870				
930				
1720	1700-1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS	Pulse modulation 217 Hz	28
1845				
1970				
2450	2400-2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation 217 Hz	28
5240	5100-5800	WLAN 802.11 a/n	Pulse modulation 217 Hz	9
5500				
5785				

SYMBOLS GLOSSARY (1 OF 2)					
SYMBOL	DEFINITION	Standard from which the symbol was referenced, Reference/ clause/ registration number	SYMBOL	DEFINITION	Standard from which the symbol was referenced, Reference/ clause/ registration number
	Manufacturer	ISO 15223-1: 2016, 5.1.1		Keep away from heat	ISO 15223-1, 5.3.2
	Date of Manufacture	ISO 15223-1: 2016, 5.1.3		Temperature Limit	ISO 15223-1:2016, 5.3.7
LOT	Lot Number	ISO 7000, Reg. no 2492		Humidity Limitation	ISO 15223-1, 5.3.8
REF	Catalog Number; also represents the model number	ISO 15223-1, 5.1.6		Atmospheric Limitation	ISO 15223-1:2016, 5.3.9
SN	Serial Number	ISO 15223-1:2016, 5.1.7		Consult Instructions For Use	ISO 15223-1, 5.4.3
	Do not use if package is damaged	ISO 7000, 2606		Direct Current	IEC 60417, 5031

SYMBOLS GLOSSARY (2 of 2)

SYMBOL	DEFINITION	Standard from which the symbol was referenced, Reference/ clause/ registration number	SYMBOL	DEFINITION	Standard from which the symbol was referenced, Reference/ clause/ registration number
	Keep Dry	SO 15223-1:2016, 5.3.4		Compliance with international requirements for protection from electric shock. (Type BF applied parts).	IEC 60601-1, Table D.1 Symbol
	Class II Equipment – Device does not rely on earth plug or power cord.	IEC 60417, 5172	IP22	Ingress Protection against entrance of foreign objects and against harmful effects due to the entrance of water.	IEC 60601-1, Table D.3 Symbol 2
	Indoor Use Only	IEC 60417, 5957		Do not throw in trash. Send to a recycling center.	EN 50419, Marking of Electrical and Electronic Equipment in accordance with Article 11(2) of Directive 2002/96/EC (WEEE)
	Recycling	ISO 7000, 1135		Non-ionizing electromagnetic radiation present due to a RF transmitter.	IEC 60417, 5140
			CLASSIFIED c UL us	Product in compliance with UL's Listing and Follow-Up Service for Canada and the United States.	UL Classification mark

FCC COMPLIANCE STATEMENT

CAUTION: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

ISED STATEMENT

This device complies with Industry Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions:
(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Manufactured for:

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Medical – general medical equipment as to electrical shock, fire and mechanical hazards only in accordance with ANSI/AAMI ES60601-1 (2005) + AMD 1 (2012)
CAN/CSA-C22.2 No. 60601-1:14
E517883

CAREFULLY READ ALL INSTRUCTIONS PRIOR TO USE
Save instructions and sales receipt for future reference.

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