

medela 
mother's milk,
everyday amazing™

Swing Maxi™

EN Double electric breast pump
Instructions for use
Master file (classified as medical device)






ENGLISH EN
5-49


1. Important safety information

 **Please read all instructions before using this product.**
Keep these instructions for future reference.

Warnings identify all instructions that are important for safety. Failure to observe these instructions can lead to personal injury or damage to the product.
The following symbols and signal words show the significance of the warnings:

 WARNING	Can lead to serious injury or death.
 CAUTION	Can lead to minor injury.
NOTICE	Can lead to material damage (not related to personal injury).
 Information	Useful or important information that is not related to safety.

When using electrical products, especially when children are present, basic safety precautions must always be followed.

 **WARNING**

To avoid fire, electric shock, or serious burns:

- Only use the power adaptor and cable that comes with the device. An inadequate power source or cable may result in a fire hazard, electric shock or malfunction of the device.
- Prior to use, always inspect the power adaptor and the cable for damage. If damage is found, immediately discontinue use and call the Medela Customer Service.
- Never operate the device if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water.
- Do not use an electrical product that has been exposed to water or other liquids including:
 - Do not use while bathing or showering.
 - Never place or drop into water or other liquids.
 - Do not run water over the pump unit.
 - If an electrical product has been exposed to water or other liquids, do not touch, unplug the device from electrical outlet, turn off and contact the manufacturer.

Important safety information (cont.)

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WARNING

To avoid health risks and reduce the risk of severe injury:

- This is a single-user product. Use by more than one person may present a health risk and voids the warranty.
- Do not use the device while operating a moving vehicle.
- Do not continue pumping for more than two consecutive pumping sessions if no milk is expressed.
- Pumping can induce labour. Do not pump until after giving birth. If you become pregnant while breastfeeding or breast pumping, consult with a licensed healthcare professional before continuing.
- If 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.
- Wash all parts that come into contact with your breast and breast milk after every use.
- The tubing poses a risk of strangulation when being played with and small parts may be swallowed by toddlers.

Close supervision is necessary when the breast pump or accessories are used in the vicinity of children.

CAUTION

To avoid fire or burns:

- Make sure the voltage of the power adaptor is compatible with the power source. See **chapter 18** for technical specifications.
- Always unplug electrical products immediately after use except for when charging.
- Do not place or store the product where it can fall or be pulled into a tub or sink.
- The device and its accessories are not heat-resistant. Keep away from heated surfaces or open flames.
- Do not use near flammable materials.

⚠ CAUTION

To avoid health risks and reduce the risk of injury:

- Before each use visually inspect the individual components for cracks, chips, tears, discoloration or deterioration. In the event that damage to the device is observed, please discontinue use until the parts have been replaced.
- This product cannot be serviced or repaired. Do not repair yourself. Do not modify the device.
- Never use a damaged device. Replace defective or worn parts.
- Use the device only for its intended purpose as described in these instructions for use.
- Do not use the device while sleeping or overly drowsy.
- If tubing becomes mouldy, discontinue use and replace tubing.
- Do not microwave or boil breast milk. Microwaving can cause severe burns to baby's mouth from hot spots that develop in the milk during microwaving (Microwaving can also change the composition of breast milk).
- Clean and sanitize all parts that come into contact with your breast and breast milk prior to first use.
- Only use Medela recommended parts with the device.
- If pumping is uncomfortable or causing pain, turn the unit off, break the seal between the breast and the breast shield with your finger and remove the breast shield from your breast.
- While some discomfort may be felt when first using a breast pump, using a breast pump should not cause pain. If you are unsure about correct breast shield sizing please visit **MedelaBreastShields.com** (U.S.) or **Medela.ca/breastshields** (Canada) or see a lactation consultant/breastfeeding specialist who can help you get a proper fit.
- Contact your healthcare professional or breastfeeding specialist if you can express only minimal or no milk or if expression is painful.
- If pumping at high altitudes, including in an airplane, consider pumping more often or longer if you feel there is milk remaining in your breasts after your pumping session.

NOTICE

Take appropriate care in handling bottles and components:

- Plastic bottles and parts become brittle when frozen and may break when dropped.
- Bottles and parts may become damaged if mishandled (e.g., dropped, over-tightened, or knocked over).
- Do not use the breast milk from bottles or components that show signs of damage.

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2. Intended purpose

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2.1 Indications for use

The Swing Maxi is a powered breast pump to be used by lactating women to express and collect milk from their breasts.

The Swing Maxi breast pump is intended for a single user.

The breast pump is intended to be used in a home environment.

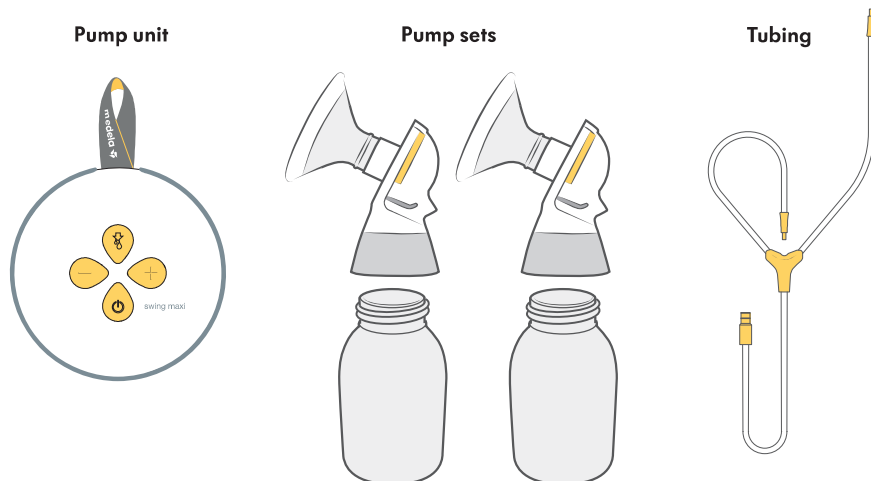
2.2 Contraindications

There are no known contraindications for the Swing Maxi breast pump.

3. Product description

3.1 Description of the Swing Maxi breast pump

The Swing Maxi is a personal-use electric breast pump that includes 2-Phase Expression technology and is capable of single and double pumping. It consists of a pump unit, two pump sets (breast shield, connector and bottle) and a tubing.



Only the parts of the pump set come into contact with the breast or milk. The pump unit generates an intermittent vacuum. For milk expression, the tubing conveys the resulting air flow via a membrane, which separates the milk from the pulsing air, to the breast.

Mode of operation: Continuous

The operating life of the Swing Maxi breast pump is 250 hours.

Breast pump model number

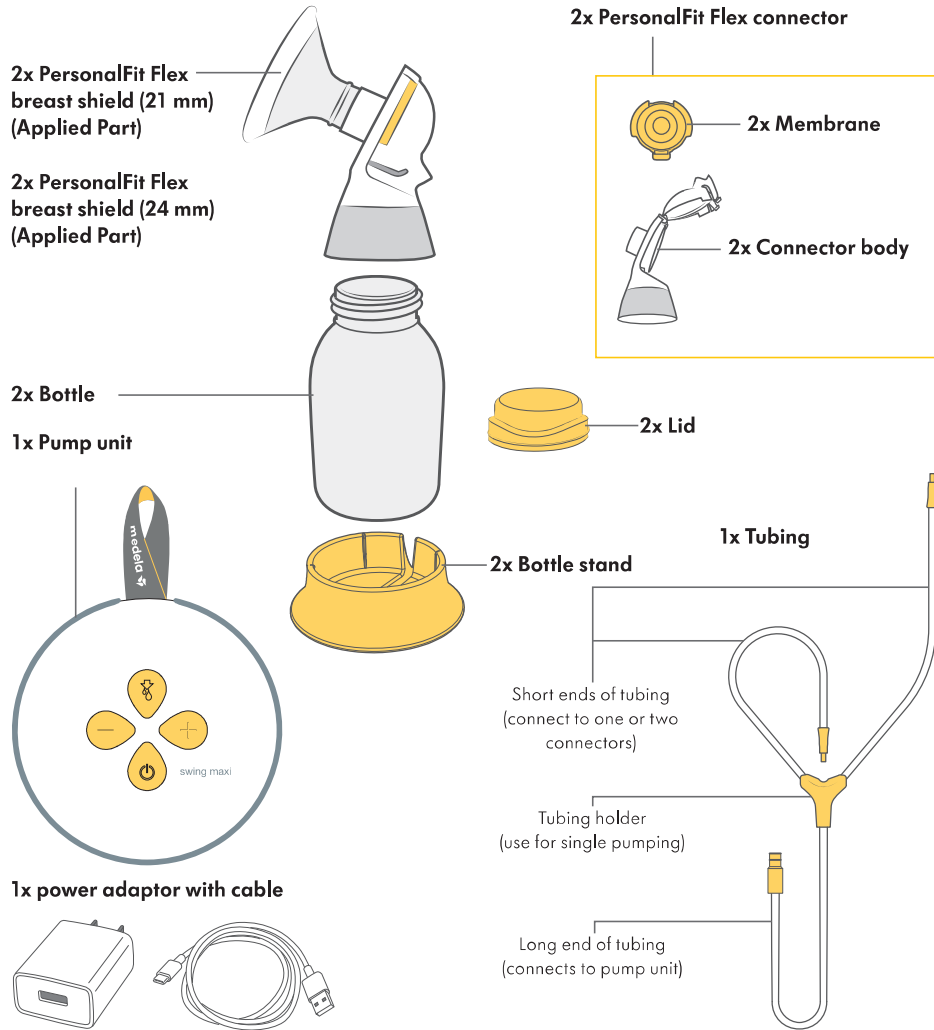
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The model number (REF) can be found near the UPC code on the package your breast pump came in.



Product description (cont.)

3.2 Your breast pump includes



For ordering information about accessories see **chapter 13**.

All pictures shown in these instructions are for illustration purpose only. The actual product may vary due to local differences or product enhancement.

Medela reserves the right to substitute any component or accessory with a replacement of equivalent performance.

4. Getting started

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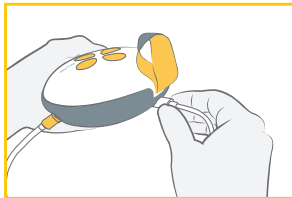
4.1 Cleaning before first use

It is important to do the following before using the breast pump for the first time:

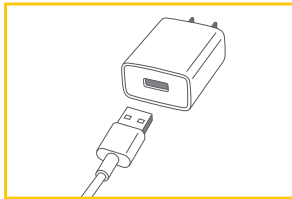
1. Remove the protective cover from the breast shields.
2. Disassemble and clean all parts (except for the tubing) according to the cleaning instructions – see **sections 5.2, 5.3 and 5.4.**

4.2 Charging the battery

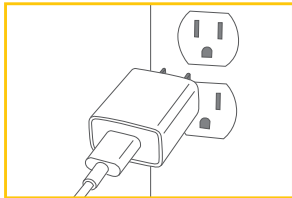
Charge the battery for **two hours.**



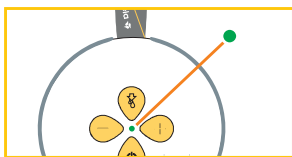
1. Connect the power cable to the pump unit.



2. Plug the power cable into the power adaptor.



3. Plug the power adaptor into a wall outlet.



- During charging, the status light is pulsing in green color.
- When charging is complete, it lights up steadily in green color.

For status light functions in operating mode see **section 7.2.**

i Information

- You can use your breast pump while charging the battery. However, it will charge in a slower mode when the pump is running.

5. Cleaning

It's important you do the following before using your breast pump for the first time:
Disassemble all parts & clean using your breast pump cleaning instructions.

For additional cleaning guidelines see the Center for Disease Control website:
<https://www.cdc.gov/healthywater/hygiene/healthychildcare/infantfeeding/breastpump.html>

Supplies needed:

- Mild dish soap
- Clean wash basin
- Drinking-quality water
- Clean pot for boiling water

Parts to wash or sanitize:

- Breast shields
- Bottles
- Lids
- Connector bodies
- Membranes

CAUTION

Separate and wash all parts that are exposed to breast milk immediately after use. This will help to remove breast milk residue and prevent growth of bacteria.

- Wash hands thoroughly with soap and water.
- Only use drinking-quality tap water or bottled water for cleaning.
- Do not place pump parts directly in the sink to rinse or wash. Use a clean wash basin used only for infant feeding items.
- Do not use a dish towel to rub or pat items dry.
- Do not use disinfectants for cleaning.

NOTICE

To prevent damage to the tubing.

- Do not clean the tubing as described here or with Quick Clean Micro-Steam bags in the microwave. Follow the instructions in **section 5.6**.

NOTICE

Pay attention to the following:

- Take care not to damage parts of the pump set during cleaning.
- Store the dried pump set in a clean bag/container until next use.
- Do not store wet or damp parts as mould may develop.
- If you notice a white residue on your pump set parts after boiling, your water may have a high mineral content. Remove residue by wiping parts with a clean towel and allow to air dry.
- Distilled water is recommended when boiling parts to prevent substantial mineral build-up over time, which may compromise your parts.

Cleaning (cont.)

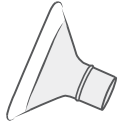



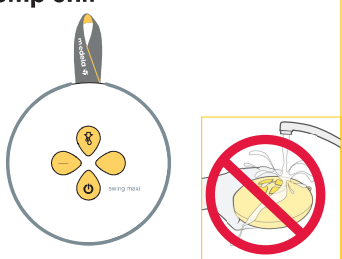
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5.1 Cleaning overview

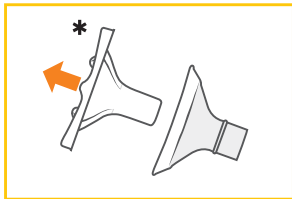
Washing and sanitizing are two different activities. They must be done separately to protect you and your baby from harm, and to maintain the performance of the device.

Wash – To clean the surfaces of the parts by physically removing contamination.

Sanitize – To kill microorganisms, such as fungi, bacteria or viruses, that may be present on the surfaces of the parts.

	Breast shields	Connector bodies and membranes	Bottles & lids
When to clean			
Before first use	Disassemble the parts according to section 5.2 Wash the parts according to section 5.3 Sanitize the parts according to section 5.4		
After each use	Disassemble the parts according to section 5.2 Wash the parts according to section 5.3		
Once per day	Disassemble the parts according to section 5.2 Sanitize the disassembled, washed parts according to section 5.4		
	Tubing	Pump unit	
When to clean			
As needed	Normally, cleaning of the tubing is not necessary. Refer to section 5.6 .	Wipe with clean, damp towel. Refer to section 5.5 .	

5.2 Disassembling



Before first use

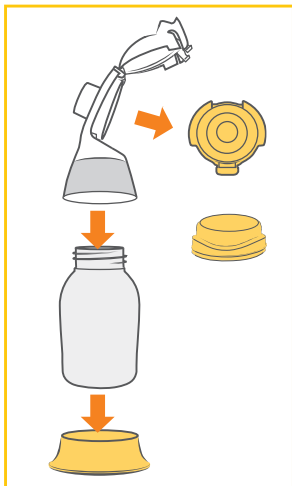
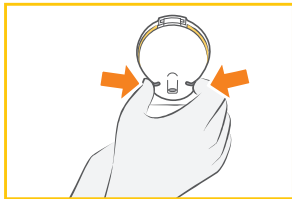
Remove and dispose of the protective cover* from the breast shield.



After each use

Disassemble the pump set into its individual parts (breast shield, connector and bottle) as follows:

1. Remove the breast shield from the connector.
2. Open the connector lid by squeezing both flaps and swiveling the lid upwards.
3. Remove the membrane from the connector body.
4. Separate the bottles, lids and bottle stands.



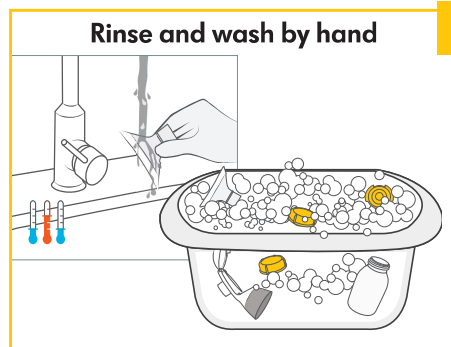
Cleaning (cont.)

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5.3 Washing

Washing is important for hygiene and serves to clean the surfaces of the parts by physically removing contamination. Wash the parts either by hand or in a dishwasher.

Before first use and after each use



or



Do not place the parts directly in the kitchen sink for rinsing and washing. Use a dedicated wash basin for infant feeding items.

1. Rinse the disassembled parts, except for the tubing, with cold, clear drinking-quality water (approx. 68 °F/20 °C).
2. Clean these parts with plenty of warm, soapy water (approx. 86 °F/30 °C). Use a commercially available dish soap, preferably without artificial fragrances and coloring (pH neutral).
3. Rinse the parts with cold, clear drinking-quality water for 10 to 15 seconds (approx. 68 °F/ 20 °C).
4. Allow to dry after washing.

1. Place the disassembled parts, except for the tubing, on the top rack or in the cutlery section. Use a commercially available dishwashing detergent.
2. Allow to dry after washing.

i Information

If using the dishwasher, parts may become discolored. This will not impact the part function.

Do not routinely wash the tubing. See **section 5.6** for more details.

Drying

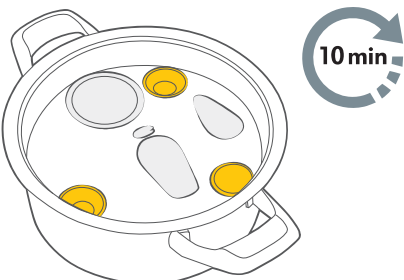

1. Allow to air-dry on a clean, unused dish towel or paper towel.



5.4 Sanitizing

Sanitizing is important for hygiene and serves to kill microorganisms, such as fungi, bacteria or viruses. Boil the parts either on the stovetop or use Quick Clean Micro-Steam microwave bags.

Before first use and once per day

<p>Sanitize on stovetop</p> 	or	<p>Sanitize in microwave</p> 
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1. Cover the disassembled, washed parts, except for the tubing (do not sanitize the tubing), with water and boil at least for 10 minutes.
2. Allow to dry after sanitizing.

1. Use Quick Clean Micro-Steam* bags in the microwave in accordance with the instructions on the bags. Do not sanitize the tubing.
2. Allow to dry after sanitizing.

* Refer to local website/shops for availability in your country.

Drying

1. Allow to air-dry on a clean, unused dish towel or paper towel.



2. Put the clean and dry parts in a clean storage bag or a clean environment. Do not store parts in an airtight container/bag if moist. It is important that all residual moisture dries.

Cleaning (cont.)

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5.5 Cleaning the pump unit

Supplies needed:

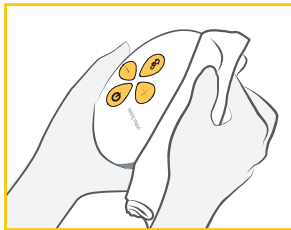
- Drinking-quality water
- Mild dish soap
- Clean dish or paper towel

Parts needed:

- Pump unit

⚠ CAUTION

- Unplug the pump unit before cleaning it.
- Do not immerse the pump unit in water; do not run water over the pump unit.
- Do not spray or pour liquid directly onto the pump unit.



1. Switch the breast pump off.
2. Unplug the pump unit from the power source.
3. Wipe the pump unit with a clean towel moistened with soapy water.
4. Wipe the pump unit dry with a clean, dry towel.

5.6 Cleaning the tubing

Since the tubing only conveys an air flow (no contact with milk), normally **cleaning of the tubing is not necessary**.

i Information

Inspect the tubing. If you find condensation in the air tube, wash and dry it immediately or replace the tubing. If you see breast milk inside the tubing or tubing connector do not attempt to wash, clean or sterilize the tubing or tubing connect. Instead contact the manufacturer.

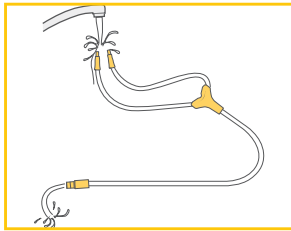
Supplies needed:

- Drinking-quality water
- Mild dish soap

Parts needed:

- Tubing

Washing the tubing

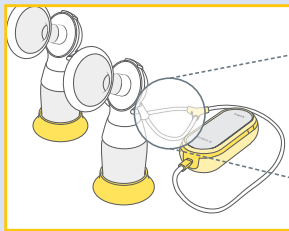


1. Switch the device off.
2. Remove the tubing from the pump unit.
3. Remove the tubing from the connector lid.
4. Rinse the tubing by pouring cool water into both short tubing ends until it flows out of the long tubing end.
5. Wash the tubing in warm, soapy water.
6. Rinse the tubing with clear water.

Drying the tubing

NOTICE

- Do not use the device with wet tubing; doing so will damage it.



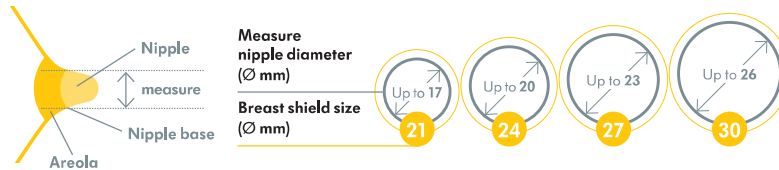
1. Shake out any water droplets.
2. Hang the tubing to air dry.
3. Make sure that the tubing is completely dry before using it.

6. Assembling the breast pump

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Only use clean and dry parts for assembly. Refer to **chapter 5** for cleaning.

6.1 Selecting the correct breast shield size



1. For proper sizing, measure the diameter of your nipple.
2. Select the breast shield that is slightly larger than your nipple.

For more information on breast shield sizing, visit www.medela.com.

6.2 Assembling the pump set

Parts needed:

- Pump set
- Breast shields
- Connector bodies
- Membranes
- Bottles
- Pump unit
- Tubing



⚠ CAUTION

To prevent contamination of your milk:

- Wash hands thoroughly with soap and water before touching the pump unit, parts of the pump set and breasts.
- Dry your hands with a fresh towel or a single-use paper towel.
- Avoid touching the inside of bottles and lids.

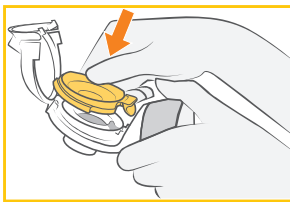
To make sure that your breast pump works properly and safely:

- Check pump set components for wear or damage before use. Replace if necessary.
- Always inspect all parts prior to use for cleanliness. If dirty, clean according to **chapter 5**.
- Only use genuine Medela parts. See **chapter 13** for details.

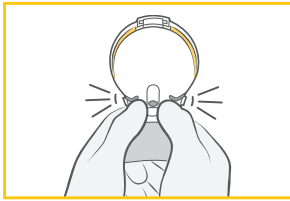
NOTICE

To prevent damage to the breast pump all components must be completely dry before use.

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1. Carefully insert the yellow membrane with the flap into the opening of the connector body.
→ Make sure that the membrane forms a seal around the edge of the connector body.



2. Close the connector lid until it audibly clicks.



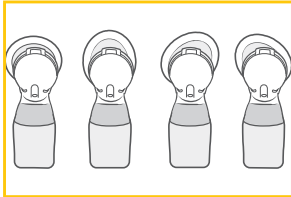
3. Screw the connector onto the bottle.



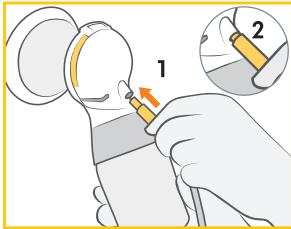
4. Carefully push the breast shield into the connector.

Assembling the breast pump (cont.)

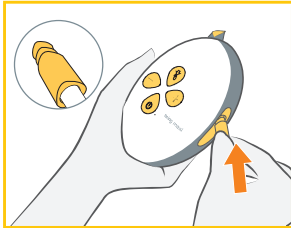
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5. The oval breast shields can be rotated (360°) and placed in the desired position to have the most comfortable fit for you.

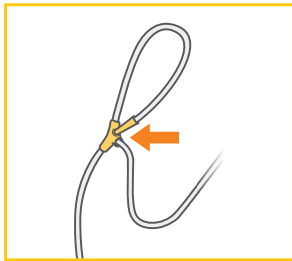


6. Insert the short end of the tubing into the opening of the connector lid (1). Do not attempt to force it to the stop. It is normal that there remains a gap (2) between the collar of the tubing end piece and the lid.

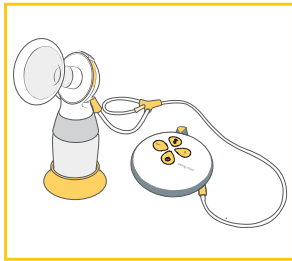


7. Connect the long end of the tubing (end piece with polygonal shape) on the right of the pump unit. Insert the tubing as far as it will go.

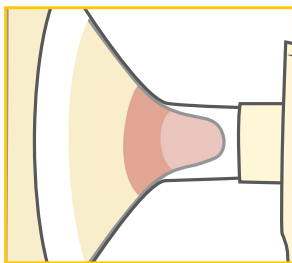
6.3 Preparing for single pumping



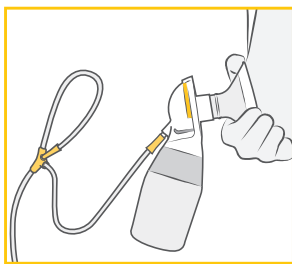
1. Insert the unused tubing end into the tubing holder.



→ Correctly assembled system (for single pumping).



2. Place the breast shield on the breast so that the nipple is properly centered in the tunnel.



3. Hold the breast shield and connector onto your breast with your thumb and index finger.
4. Support your breast with the palm of your hand.
5. Start pumping as described in **section 7.3**.

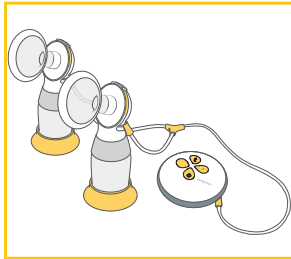
Assembling the breast pump (cont.)

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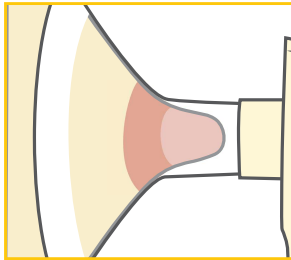
6.4 Preparing for double pumping

i Information

- Double pumping saves time and increases the nutritional value of the milk.
- For hands-free expression you can also put on the Easy Expression Bustier* available from Medela.



1. Assemble two pump sets as described in **section 6.2**.
→ Correctly assembled system (for double pumping).



2. Place the breast shields on the breasts so that the nipple is properly centered in the tunnel.



3. Hold the breast shields and connectors onto your breasts with your thumbs and index fingers.
4. Support your breasts with the palm of your hands.
5. Start pumping as described in **section 7.3**.

* Refer to local website/shops for availability in your country.

7. Operating the breast pump

7.1 Mimicking the baby's rhythm (2-phase expression)



Babies use a “two-speed” sucking action. At first, they suck quickly, and then they switch to a slower, deeper sucking rhythm once milk starts to flow. The quicker sucking action stimulates the milk ejection reflex and triggers the milk flow; the slower sucking draws the milk out for the feeding phase.

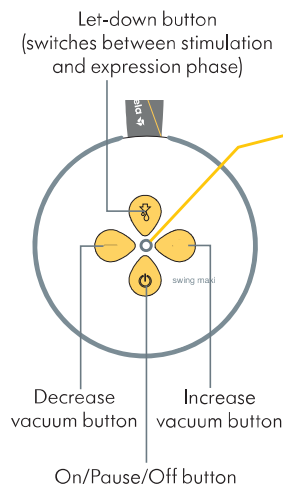


The pump mimics the baby's natural sucking rhythm by using a “two-speed” pumping action, the so called “2-Phase expression”.



The breast pump begins with a fast sucking action called the **stimulation phase**. When you see milk flow or feel milk ejection, you can then press the **“Let-down” button** to switch to the **expression phase**, which is slower than the previous one. If you do not press the Let-down button, the expression phase will automatically start after the pump has been running for one minute in the stimulation phase.

7.2 Buttons and status light



Status light	Mode of pump
Light is off	Pump is off
Light is flashing	Pump is on, stimulation phase
Lights up steadily	Pump is on, expression phase
Light is pulsing	Pump is on, paused

When the pump is on, the status light appears in different colors according to the charging state of the battery:

Battery level	
	Good
	Low, enough to finish one pump session
	Very low, charge the battery immediately

Operating the breast pump (cont.)

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7.3 Expressing your breast milk

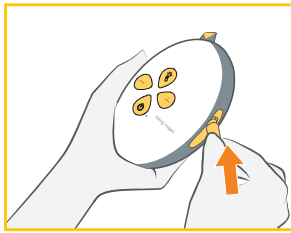
⚠ CAUTION

In case of pain or insufficient milk expression:









- Do not hold the pump set by the bottle. This can lead to compression and blockage of the milk ducts and engorgement.
- Do not try to express with vacuum that is too high and uncomfortable (painful). The pain, along with potential breast and nipple trauma, may decrease milk output.
- Contact your healthcare professional or breastfeeding specialist if you can express only minimal or no milk or if expression is painful.

NOTICE

Make sure that the tubing is not kinked or pinched while pumping.





1. If not already done, connect your assembled pump set to the tubing port on the right of the pump unit.
2. Make sure that the pump set is connected and positioned properly.

3. Press the On/Pause/Off button  to start pumping.
→ The stimulation phase begins and the status light is flashing.
4. Adjust the vacuum with the Increase vacuum  and Decrease vacuum  buttons to find a comfortable level.
5. As soon as your milk begins to flow, press the Let-down button  to go to the expression phase.
→ The expression phase begins and the status light is on steadily.
→ If the Let-down button  is not pressed within one minute, your breast pump will automatically go to expression phase.
6. Adjust the vacuum with the Increase vacuum  and Decrease vacuum  buttons to find your maximum comfort vacuum (for maximum comfort vacuum see **chapter 8**).
7. When your pumping session is over, press the On/Pause/Off button  to stop the pumping operation.
→ The breast pump stops automatically after 30 minutes if there is no user interaction with the pump.

7.4 Pausing

In both stimulation and expression phase the breast pump can be paused. This allows you to readjust yourself or your breast pump set, or attend to your surroundings.

1. For pausing, press the On/Pause/Off button  while the breast pump is running.
→ The pumping operation stops and the status light is pulsing.
2. To resume pumping, press the On/Pause/Off button  again.

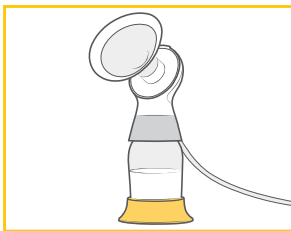
i Information

- If pumping is not resumed within two minutes, the breast pump turns off automatically.
- If you need to pause for more than two minutes, restart with stimulation phase.

7.5 Switching off

To switch the breast pump off press and hold the On/Pause/Off button for two seconds.

7.6 After pumping



Prepare the milk for storage as follows:

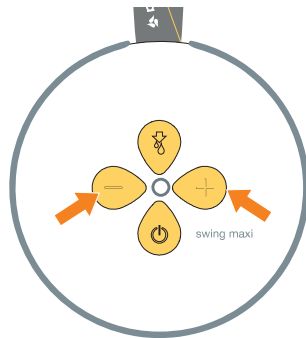
1. Use the bottle stand to prevent the bottle from tipping over.
2. Remove the bottle from the connector.
3. Close the bottle with a lid.
4. Remove the tubing from the connector lid and the pump unit.
5. Store the tubing in a clean bag/container. Do not wrap the tubing around the pump unit.





For information on storing the milk follow the instructions in **chapter 10**.

8. Finding your maximum comfort vacuum

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Maximum comfort vacuum is the highest vacuum setting where pumping still feels comfortable.

1. Once you are pumping in the **Expression phase**, increase the vacuum with the Increase vacuum  button until pumping feels slightly uncomfortable (not painful).
2. Then decrease the vacuum slightly with one press of the Decrease vacuum  button.

i Information

- Maximum comfort vacuum is different for every mother.
- Stimulation should be at a comfortable vacuum level, striving for a maximum level is not necessary here.
- Reassess your maximum comfort vacuum throughout your pumping experience. It can change throughout each stage of lactation.

9. Special features

9.1 Bluetooth® connectivity


By connecting the breast pump to the Medela Family platform you can automatically transfer your pumping data (session length, phases & levels) and manually input the amount of milk expressed.

To benefit from the features of the platform you need to create an account in Medela Family.

Installing the Medela Family app

1. Download and install the Medela Family app to your mobile device. The app is available free of charge for Apple® iOS and Android™ operating systems.
2. Open Medela Family on your mobile device and register by means of the app.

Connecting (pairing) the Swing Maxi breast pump

1. Make sure that Bluetooth is enabled on your mobile device.
2. In Medela Family, click on “More”, navigate to “Pump settings” and follow the set-up and pairing instructions on the screen, which include the following steps:
3. Press and hold the Let-down button  for two seconds to start the pairing procedure.
→ The status light is pulsing in blue colour to show that the breast pump is ready for pairing with your Bluetooth device.
4. Successful pairing will be indicated with the blue light being on steadily for two seconds.
5. After initial setup, the status light will turn off.
6. When reconnecting to Medela Family the status light changes to blue colour for two seconds.

Information

- The Swing Maxi breast pump has the ability to store your last 30 pump sessions in its memory. If the pump is not connected prior to session 31 your history will be overwritten with new session data.
- When connected to the pump, your Medela Family account will log an infinite number of historical sessions.
- Swing Maxi uses Bluetooth technology. Please follow airline rules for the use of portable electronic devices when flying.

Removing the Swing Maxi breast pump from your mobile device

1. Navigate through the Medela Family platform.
2. Follow the instructions on the screen to remove (unpair) your Swing Maxi breast pump.

Special features (cont.)

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i Information

- Removing the Swing Maxi breast pump from your mobile device will not delete pumping information stored in Medela Family.
- If you reconnect your breast pump and mobile device the last 30 records stored within your pump will be transferred.

To learn more, please visit www.medela.com.

Trademark recognition

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc., and any use of such marks by Medela AG is under license.

Apple is a trademark of Apple Inc., registered in the U.S. and other countries.

Android is a trademark of Google LLC.

10. Handling of breast milk

10.1 General storage guidelines

Storage guidelines for freshly expressed breast milk (for healthy term babies)			
Room temperature 60 to 77°F (16 to 25°C)	Refrigerator 39°F (4°C) or colder	Freezer 0°F (-18°C) or colder	Breast milk thawed in the refrigerator
Up to 4 hours is best	Up to 3 days is best	Up to 6 months is best	At room temperature: Up to 2 hours
*Up to 6 hours for milk expressed under very clean conditions	*Up to 5 days for milk expressed under very clean conditions	*Up to 9 months for milk expressed under very clean conditions	Refrigerator: Up to 24 hours Do not refreeze!

*Guidelines for expressing milk under very clean conditions:

Before expressing breast milk, mothers should wash their hands with soap and water or an alcohol-based hand sanitizer. The pump parts, bottles and pumping area must be clean. Breasts and nipples do not need to be washed before pumping.

- These guidelines for storage and thawing of breast milk are a recommendation. Contact your lactation consultant or breastfeeding specialist for further information.
- Store breast milk in the coldest spot of the refrigerator (at the back of the glass shelf above the vegetable compartment).
- For information on storing your breast milk, visit BreastMilkGuidelines.com (U.S.) or Medela.ca/Breastfeeding/Moms-Journey/Storing-and-Thawing-Breast-Milk (Canada).

10.2 Freezing

NOTICE

- Repeated freeze/thaw cycles destroy the structure of the milk. Therefore, never refreeze breast milk.
- Freeze expressed breast milk in plastic bottles or milk storage bags. Do not fill the bottles or bags more than 3/4 full to allow space for possible expansion.
- Label the bottles or bags with the date and volume of expression.
- Plastic bottles and parts become brittle when frozen and may break when dropped.
- Do not use the breast milk from bottles or components that show signs of damage.

Handling of breast milk (cont.)

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10.3 Thawing

CAUTION

Do not thaw or warm breast milk in a microwave or a pan of boiling water. This helps preserve important components and prevents burns.

- To preserve breast milk components, thaw the milk overnight in the refrigerator.
- Alternatively, hold the bottle or bag under warm water (max. 98.6 °F/37 °C).

NOTICE

Gently swirl the bottle or bag to mix any fat that has separated. Avoid shaking or stirring the milk.

10.4 Feeding breast milk

It is recommended that breastfeeding is well established prior to bottle feeding your baby.

- Always inspect the bottle, the nipple and other components immediately before and after each use. If the nipple appears cracked or torn, discontinue use immediately.
- To prevent a possible choking hazard, test the strength of the nipple by pulling on the end of the nipple.
- Do not attempt to enlarge the nipple hole.
- Infants must not be bottle fed without adult supervision.
- Do not use the nipple as a pacifier.

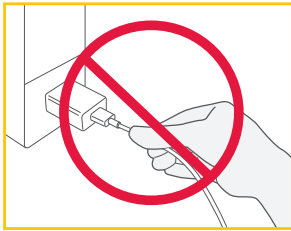
For additional breast milk collection & storage information, please visit www.medela.com.

11. Maintenance and care

11.1 Power adaptor care

WARNING

If the power adaptor outer casings become loose or are separating, stop use and contact the device manufacturer immediately. Separation of the casing can result in electric shock.



NOTICE

To keep the power adaptor and cable in good working condition, pay attention to the following:

- Do not unplug the cable or the power adaptor by pulling on the cable, but hold it by the connector housing or the power adaptor body.
- Do not wrap the cable around the power adaptor body.

11.2 Battery maintenance

Your breast pump contains a built-in (not replaceable) lithium-ion rechargeable battery.

NOTICE

In case of a completely discharged battery the device cannot be used instantly after connecting it to the power adaptor. Allow the battery to be charged for at least 15 minutes before attempting to switch the pump on.

NOTICE

- Make sure that the voltage of the power adaptor is compatible with the power source.

Maintenance and care (cont.)

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i Information

To preserve the battery life cycle:

- Keep the device in a cool place.
- Recharge the battery before it completely drains. This is better for the life cycle of the battery.
- Fully charge the battery before storing the device.
Refer to **section 7.2** for information on the battery charging state.
- If the device has been stored in a hot location, it may not run on battery power right away.
To resume normal battery function, allow the device to cool down for one hour. During this time, you can power the device with the power adaptor plugged into a wall outlet.

Traveling internationally

i Information

This device has a lithium-ion battery. Carrying such batteries on airplanes may be restricted by the country you are visiting. Please consult with the country you are visiting to find out if there are any restrictions that pertain to traveling with lithium-ion batteries.

11.3 Long-term storage

The device contains a rechargeable battery. To preserve the device, when not in use for an extended amount of time, it will automatically transition into storage mode.

To remove from storage mode, connect the device to the power adaptor and charge the battery for two hours.

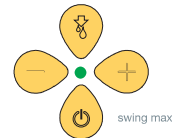
Before storing the device for an extended amount of time remember to:



- Clean the pump set, bottles and lids (refer to **chapter 5**)



- Clean the pump unit (refer to **section 5.5**)



- Make sure that the battery is charged (see below)

It is best to fully charge the battery before storing the device for an extended period of time. Refer to **section 4.2** for information on battery charging.

12. Troubleshooting

In case of an unexpected behaviour of your breast pump check with the troubleshooting table if you find the issue in the column “Problem” and follow the instructions in the column “Solution”.

Troubleshooting table

Problem	Solution
The breast pump is not working after you pressed the On/Pause/Off button	<ul style="list-style-type: none"> • Charge for 15 minutes before restarting the pump. Charging is indicated by the status light pulsing in green. • If the pump is still not working contact the Medela Customer Service.
The breast pump generates only constant vacuum instead of sucking cycles	<ul style="list-style-type: none"> • Contact the Medela Customer Service.
The status light is flashing rapidly in red when you try to pump or charge the breast pump	<ul style="list-style-type: none"> • Charging/pumping is not possible when the battery temperature is too high. Allow the pump unit to cool down, then resume charging/pumping. • If the status light is still flashing rapidly in red, a device fault occurred. Contact the Medela Customer Service.
There is low or no suction	<ul style="list-style-type: none"> • Make sure that all pump set components are clean and dry and that connections are secure. • While pumping, make sure the breast shields form a complete seal around the breast. • When single pumping, make sure that the unused tubing end is correctly plugged into the tubing holder. • If suction does not improve after having followed these steps, contact the Medela Customer Service.
The breast pump is not responding as expected	<ul style="list-style-type: none"> • Press and hold the On/Pause/Off button for two seconds to switch the breast pump off, then restart the breast pump. • If there is no change, contact the Medela Customer Service.
The pump unit’s exterior got wet	<ul style="list-style-type: none"> • Unplug the pump unit from the power source and turn it off. • Dry off the exterior of the pump unit.
The pump unit has been submerged in water	<ul style="list-style-type: none"> • Unplug the pump unit from the power source and turn it off. • Contact the Medela Customer Service.

If you have not resolved the problem with the breast pump or you have further questions, please contact the Medela Customer Service at 800-435-8316.

13. Ordering information

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Sales article Swing Maxi breast pump

Article number	Product
101041625	Swing Maxi double electric breast pump (with US power adaptor) Power cable ul file no. E346933

Accessories

Article number	Product
Depending on your region, check local website/shops for availability.	PersonalFit Flex breast shield S (21 mm)*
	PersonalFit Flex breast shield M (24 mm)*
	PersonalFit Flex breast shield L (27 mm)*
	PersonalFit Flex breast shield XL (30 mm)*
	Tubing for Swing Maxi
	PersonalFit Flex connector
	Swing Maxi power adaptor
	Bottle (150 mL / 250 mL)

*If the result of expression is unsatisfactory or expression is painful, contact your lactation consultant or breastfeeding specialist. A different size of breast shield may help make expression more comfortable and successful.

In case of difficulties in finding your desired accessory, please contact the Medela Customer Service.

For contact data visit www.medela.com. Under "Contact" choose your country.

For replacement of lost or defective parts please contact the Medela Customer Service.

Other Medela products are available at www.medela.com.

14. Warranty

This product is warranted by Medela to the original retail purchaser to be free from defects in material and workmanship for the period of one year for pump mechanism (90 days for parts and detachable components) from the date of purchase. Warranty can only be claimed in the country of purchase. In the event of a defect, Medela will repair or, at Medela's option, replace this product, without charge for such replacement, parts or labor. Purchaser shall bear all expense for returning this product to Medela. This warranty does not apply to any product used commercially or which has been subjected to misuse, abuse or alteration.

ANY AND ALL IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO A DURATION OF 1 YEAR FROM DATE OF PURCHASE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

For questions regarding this warranty or instructions on making a warranty claim, please call Medela Customer Service (toll free) at 1-800-435-8316. All returns must be sent with a Return Authorization Number from Medela, with your dated bill of sale or other proof of purchase and a brief statement of the problem to the following address:

Medela LLC – Returns, Door 4501
1101 Corporate Dr.
McHenry, IL 60050
ATTENTION: RETURNS

Medela Canada
4160 Sladeview Crescent Unit #8
Mississauga, ON L5L 0A1
ATTENTION: RETURNS
info@medela.ca

15. Disposal

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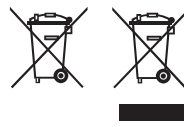
Disposal of the device

At the end of its operating life, separate the parts of the device and dispose of according to the following instructions.

Breast shields, connector, tubing and accessories

The parts are made of plastics that are not harmful to the environment when disposed of as household waste. Recycle or dispose of according to local regulations.

Pump unit and power adaptor



Do not dispose of electric or electronic equipment together with unsorted municipal waste, but collect it separately.

In the European Union the manufacturer or its vendor must take back waste equipment. Other countries may have similar collection and recycling systems. Dispose of the waste equipment according to local regulations.

Inquire at the point of sale or contact your local authority for appropriate collection points for waste equipment.



Through the Medela Recycles program, Medela LLC provides U.S.-based customers the option to properly recycle their electric breast pump after they've finished their breastfeeding journey. For information on how to recycle your pump visit [MedelaRecycles.com](https://www.MedelaRecycles.com).

The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.






CAUTION

Hazardous materials present in electric/electronic equipment may harm human health and the environment if the waste equipment is not disposed of properly.










16. Meaning of symbols

The following tables explain the meaning of the symbols found on the product parts and its packaging.

Symbols used in these instructions

	General safety alert symbol, points to information related to safety. ¹		Defines a temperature range (e.g. for operation, transport or storage). ²
	Defines a relative humidity range (e.g. for operation, transport or storage). ³		Indicates that this device contains Bluetooth wireless technology.
	Defines an atmospheric pressure range (e.g. for operation). ⁴		













Symbols on the pump unit

	Identifies the manufacturer. ⁵		Indicates the date of manufacturing. ⁶
	Indicates the serial number of the device. ⁷	IP22	Indicates the degree of protection against ingress of foreign objects and moisture. ⁸
	Indicates compliance with international requirements for protection from electric shock (Type BF applied parts). ⁹		Do not dispose of electric/electronic devices together with unsorted municipal waste (dispose of the device in accordance with local regulations). ¹⁰
	Indicates the compliance with additional USA and Canada safety requirements for medical electrical equipment. ¹¹		Read and follow the instructions for use. ¹²
CE	The CE mark indicates conformity with the European low voltage and electromagnetic compatibility directive.*		Indicates direct current. ¹³
FC	Indicates the compliance with the requirements of the Federal Communications Commission. ¹⁴		Indicates that this device contains Bluetooth wireless technology.















Meaning of symbols (cont.)

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Symbols on the power adaptor

	Indicates alternating current. ¹⁵		Indicates direct current. ¹³
	Indicates the polarity of the USB power output. ¹⁶		Indicates that the device is a Class II electrical appliance (double insulated). ¹⁷
	Indicates that the device is for indoor use only. ¹⁸		Indicates the efficiency level for external power supplies. ¹⁹
	The UL LISTED mark indicates that the product is manufactured in compliance with UL safety requirements for USA and Canada.		Indicates the compliance with the requirements of the Federal Communications Commission. ¹⁴
	Indicates the compliance with PSE requirements (Japan, Product Safety Electrical Appliance and Material Safety Law).*		The NOM (Norma Oficial Mexicana) NYCE mark indicates that the product is found to be in compliance with the applicable Mexican requirements.
	The BSMI (Bureau of Standard, Metrology and Inspection) logo indicates that the product is certified to meet Taiwan's requirements for safety and electromagnetic compatibility.*		Indicates the degree of protection against ingress of foreign objects and moisture. ⁸

Symbols on the packaging

	Identifies the manufacturer. ⁵		Indicates the part number of the product. ²⁰
	Contains fragile goods. Handle with care. ²¹		Keep away from sunlight. ²²
	Keep away from rain. Keep in dry conditions. ²³		Defines the temperature range for transport or storage. ²
	Defines the relative humidity range for transport or storage. ³		Read and follow the instructions for use. ¹²
	The packaging contains products intended to come in contact with food according to regulation EC 1935/2004.*		The CE mark indicates conformity with the European low voltage and electromagnetic compatibility directive.*
	Indicates that the material is part of a recovery/recycling process.		Indicates that the package is made of cardboard.
	Indicates that the package is capable of being recycled. ²⁴		Do not dispose of electric/electronic devices together with unsorted municipal waste (dispose of the device in accordance with local regulations). ¹⁰

References

- 1 IEC 60601-1, Medical electrical equipment – Part 1: General Requirements for basic safety and essential performance, Table D.2 Symbol 2 General warning sign
 - 2 ISO 15223-1, Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied, Part 1: General requirements, Clause 5.3.7 Temperature Limit / ISO 7000-0632, Graphical symbols for use on equipment, Temperature Limit
 - 3 ISO 15223-1, Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied, Part 1: General requirements, Clause 5.3.8 Humidity Limit / ISO 7000-2620, Graphical symbols for use on equipment, Humidity Limit
 - 4 ISO 15223-1, Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied, Part 1: General requirements, Clause 5.3.9 Pressure Limit / ISO 7000-2621, Graphical symbols for use on equipment, Pressure Limit
 - 5 IEC 60601-1, Medical electrical equipment – Part 1: General Requirements for basic safety and essential performance, Table D.1 Symbol 29 Stand-by
 - 6 ISO 15223-1, Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied, Part 1: General requirements, Clause 5.1.1 Manufacturer
 - 7 ISO 15223-1, Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied, Part 1: General requirements, Clause 5.1.3 Manufacturing Date / ISO 7000-2497, Graphical symbols for use on equipment, Date of manufacture
 - 8 ISO 15223-1, Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied, Part 1: General requirements, Clause 5.1.6 Article number / ISO 7000-2493, Graphical symbols for use on equipment, Catalogue number
 - 9 ISO 15223-1, Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied, Part 1: General requirements, Clause 5.1.7 Serial number / ISO 7000-2498, Graphical symbols for use on equipment, Serial number
 - 10 IEC 60601-1, Medical electrical equipment – Part 1: General Requirements for basic safety and essential performance, Table D.3 Symbol 2 IP Code IEC 60529:1989+A1:1999+A2:2013, Degrees of protection provided by enclosures (IP Code)
 - 11 IEC 60601-1, Medical electrical equipment – Part 1: General Requirements for basic safety and essential performance, Table D.1 Symbol 20 Type BF applied parts
 - 12 EN 50419, Marking of Electrical and Electronic Equipment in accordance with Article 11(2) of Directive 2002/96/EC (WEEE).
 - 13 TÜV (Technical Inspection Association) mark indicates that the product is manufactured in compliance with UL safety requirements for USA and Canada (USA: UL60950-1, CAN: CSA C22.2 NO. 60950-1).
 - 14 IEC 60601-1, Medical electrical equipment – Part 1: General requirements for basic safety and essential performance, Table D.2 Symbol 10 Refer to instruction manual/booklet
 - 15 Code of Federal Regulations, Title 47, Part 15b / 15 c
 - 16 IEC 60601-1, Medical electrical equipment – Part 1: General Requirements for basic safety and essential performance, Table D.1 Symbol 1 Direct current
 - 17 IEC 60601-1, Medical electrical equipment – Part 1: General Requirements for basic safety and essential performance, Table D.1 Symbol 4 Alternating current
 - 18 IEC 60950-1 Information technology equipment - Safety - Part 1: General requirements, Clause 1.7.1 / IEC 60417 Graphical symbols for use on equipment
 - 19 IEC 60601-1, Medical electrical equipment – Part 1: General Requirements for basic safety and essential performance, Table D.1 Symbol 9 Class II equipment
 - 20 IEC 60417-5957, Graphical symbols for use on equipment, For Indoor use only
 - 21 US Department of Energy Requirement, 10 CFR Part 430
 - 22 ISO 15223-1, Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied, Part 1: General requirements, Clause 5.3.1, Fragile, handle with care / ISO 7000-0621, Graphical symbols for use on equipment, Fragile, handle with care
 - 23 ISO 15223-1, Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied, Part 1: General requirements, Clause 5.3.2 Keep away from sunlight / ISO 7000-0624, Graphical symbols for use on equipment, Keep away from sunlight
 - 24 ISO 15223-1, Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied, Part 1: General requirements, Clause 5.3.4, Keep away from rain / ISO 7000-0626, Graphical symbols for use on equipment, Keep away from rain
- * These symbols are not applicable for the US, Canada, Mexico market.

17. International regulations

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17.1 Electromagnetic compatibility (EMC)

The Swing Maxi breast pump is intended to be used in a home environment and is EMC-tested in conformity with the requirements of the standard IEC 60601-1-2:2014 4th Edition according to clause 7 and 8.9.

The breast pump needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in these instructions for use. Portable and mobile RF communications can affect the breast pump.

WARNING

To prevent malfunction resulting from electromagnetic interference:

- The electric breast pump Swing Maxi should not be used adjacent to or stacked with other equipment. If adjacent or stacked use is necessary, the electric breast pump Swing Maxi should be observed to verify normal operation in the configuration in which it will be used.
- Wireless communications equipment such as wireless home network devices, mobile phones, cordless telephones and their base stations, walkie-talkies, RFID can affect the electric breast pump and should be kept at a distance of at least 30 cm away from the device.
- Use of accessories or cables other than those provided by the manufacturer of this device could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

NOTICE

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		
This breast pump is intended for use in the electromagnetic environment specified below. The customer or the user of the breast pump should assure that it is used in such an environment.		
Emission tests	Compliance	Electromagnetic environment – guidance
RF Emissions CISPR 11 Conducted Emission and Radiated Emission	Group 1 Class B	The 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.
RF Emission CISPR 32 Conducted Emission and Radiated Emission	Class B	
Harmonic emissions IEC 61000-3-2	Class A (only valid with power adaptor supplied by Medela)	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Compliant	

International regulations (cont.)

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Guidance and manufacturer's declaration – electromagnetic immunity

This breast pump is intended for use in the electromagnetic environment specified below. The customer or the user of the breast pump should assure that it is used in such an environment. The Swing Maxi breast pump has no essential performance but was tested for immunity to electromagnetic disturbances and passed using the following criteria:

1. No change in mode and operation of the breast pump.
2. The pump can be controlled by changing the vacuum level and/or pressing the On/Pause/Off button.

Reset: (The following sequence can be used to reset the device in the event of an EM Disturbance)

1. Unplug the power adaptor from the wall outlet.
2. Unplug the power cable from the pump unit.
3. Attach a pump set to the tubing port (if none is attached).
4. Plug the power cable into the supply socket of the pump unit.
5. Plug the power adaptor back into the wall outlet.
6. Press the On/Pause/Off button to begin pumping.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment – guidance
Electrostatic discharge (ESD) IEC 61000-4-2	+/- 8 kV contact discharge +/- 15 kV air discharge	+/- 8 kV contact discharge +/- 15 kV air discharge	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 5%.
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 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 or hospital environment.

<p>Voltage dips, short interruptions and voltage variations on power supply input lines IEC 60601-1-2 IEC 61000-4-11</p>	<p>0 % U_T for 0.5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270°, and 315°</p> <p>0 % U_T for 1 cycle at 0°</p> <p>70 % U_T for 25 cycles at 50 Hz at 0°</p> <p>0 % U_T for 250 cycles at 50 Hz at any one phase</p>	<p>0 % U_T for 0.5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270°, and 315°</p> <p>0 % U_T for 1 cycle at 0°</p> <p>70 % U_T for 25 cycles at 50 Hz at 0°</p> <p>0 % U_T for 250 cycles at 50 Hz at any one phase</p>	<p>Mains power quality should be that of a typical commercial or hospital environment.</p> <p>If the user of the breast pump requires continued operation during power mains interruptions, it is recommended that the breast pump be powered from an uninterruptible power supply or a battery.</p>
<p>Power frequency (50/60 Hz) magnetic field IEC 61000-4-8</p>	<p>30 A/m</p>	<p>30 A/m</p>	<p>It may be necessary to position the breast pump further from sources of power frequency magnetic fields or to install magnetic shielding. The power frequency magnetic field should be measured in the intended installation location to assure that it is sufficiently low.</p>


NOTE: U_T is the a.c. mains voltage prior to application of the test level.

International regulations (cont.)

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Guidance and manufacturer's declaration – electromagnetic immunity

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

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment – guidance
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz outside ISM band	3 Vrms	<p>Except as indicated in the table on the next page, portable and mobile RF communications equipment should be used no closer to any part of the breast pump, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</p> <p>Recommend separation distance</p> $d = 1.2\sqrt{P}$
	6 Vrms 150 kHz to 80 MHz in ISM and amateur radio bands	6 Vrms	
Radiated RF IEC 61000-4-3	10 V/m 80 MHz to 2.7 GHz	10 V/m	$d = 0.35\sqrt{P} \quad 80 \text{ MHz to } 800 \text{ MHz}$ $d = 0.7\sqrt{P} \quad 800 \text{ MHz to } 2.7 \text{ GHz}$ <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 metres (m).</p> <p>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</p> <p>Interference may occur in the vicinity of equipment marked with the following symbol.</p> 

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.

^a 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 breast pump is used exceeds the applicable RF compliance level above, the breast pump should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the breast pump.

^b Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 10 V/m.

Table of frequencies of portable and mobile transmitters for which the recommended separation distance is 30 cm (12 inches):

Band (MHz)	Service
380 - 390	TETRA 400
430 - 470	GMRS 460, FRS 460
704 - 787	LTE Band 13, 17
800 - 960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5
1 700 - 1 990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS
2 400 - 2 570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7
5 100 - 5 800	WLAN 802.11 a/n

WARNING: 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 breast pump including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

International regulations (cont.)

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17.2 Radio transmission

FCC (USA) statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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 (Canada) statement

This device complies with Industry Canada's licence-exempt RSSs. 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.

Class B Notice for Canada This Class B digital apparatus complies with Canadian ICES-003.

Déclaration ISED (Canada)

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) l'appareil ne doit pas produire de brouillage;
- 2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

CAN ICES-003(B) / NMB-003(B)

18. Technical specifications

Summary of important technical specifications

Vacuum performance (at 500 m above sea level [954.62 hPa ambient pressure])
 -45 to -245 mmHg (-60 to -327 hPa)
 45 to 111 cpm



Operating temperature range
 (5 °C to 35 °C)
 (41 °F to 95 °F)

Power adaptor

(Model: MS-V2000U050-010B0-US)

Input	Output
100 ... 240 V~ 50/60 Hz max. 0.5 A	5 V --- 2 A 10 W
Average efficiency	No-load power consumption
78.7 %	less than 0.075 W



Operating humidity range
 (15 % to 93 % relative humidity)



Transport/storage temperature range
 (-20 °C to 50 °C)
 (-4 °F to 122 °F)



Transport/storage humidity range
 (15 % to 93 % relative humidity)

Protection against electric shock: Class II

Pump unit

Battery capacity and type
 3.6 V, 2500 mAh (nominal)
 Li-ion

Size
 126 x 125 x 58 mm

Weight
 325 g

Ingress protection level: IP22



Operating atmospheric pressure range: 70kPa...106kPa

Materials touching skin or coming in contact with milk

- Breast shield: Polypropylene, thermoplastic elastomer
- Connector body: Polypropylene
- Membrane: Silicone
- Bottle: Polypropylene
- Lid: Polypropylene

All parts that come in contact with breast milk are not made with BPA (Bisphenol A).



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Subject to modifications

