



# ISIS iQ UNO™

Handheld Electronic Breast Pump



Guide to Your Pump

## Warnings and Cautions

*When using electrical products, especially when children are present, basic safety precautions should always be followed, including the following.*

**READ ALL INSTRUCTIONS BEFORE USING YOUR ISIS iQ UNO™ BREAST PUMP.**

**WARNING – To reduce the risk of fire, electrocution, or other personal injury:**

- ISIS iQ UNO is intended for repeated use by a single user only.
- Always unplug from the electrical wall outlet immediately after use.
- Do not use while bathing.
- Do not place or store the product where it can fall or be pulled into a tub or sink.
- Do not place or drop the control handle, battery pack or wall plug cord into water or other liquids.
- Do not reach for a product that has fallen into water. Unplug from the wall outlet immediately.
- Close supervision is necessary when this product is used near children or persons with disabilities.
- Do not allow children or pets to play with the control handle, battery pack or wall plug cord or accessories as these parts may pose a choking or strangulation danger.
- Before each use inspect the product, including wall plug cord, for signs of damage. Never operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or has been submerged in water.
- Only use attachments recommended by AVENT.
- Do not use outdoors or where aerosol spray products are being used, or where oxygen is being administered.
- Equipment not suitable for use in the presence of flammable anaesthetic mixture with air, or with oxygen or nitrous oxide.
- Only use the wall plug cord and battery pack supplied with the product.
- There are no user serviceable parts inside the ISIS iQ UNO. Do not attempt to open, service or repair the ISIS iQ UNO yourself.
- Keep cords away from heated surfaces.
- This product is a personal care item and should not be shared between mothers.
- Do not attempt to remove the pump body from your breast while under vacuum. Turn the unit off and break the seal between your breast and the pump funnel with your finger, then remove the pump from your breast.
- Do not operate unless control handle is connected to a pump body.
- Never use while pregnant, as pumping can induce labor.
- Never use when sleepy or drowsy.

**CAUTION – To reduce the risks of injury, device malfunction or failure:**

- The product should not be left unattended when plugged into an electrical outlet.
- Never drop or insert any foreign object into any opening.
- Make sure the voltage of the wall plug cord is compatible with the power source.
- Plug the end of the wall plug cord into the control handle first, then securely attach the wall plug into the outlet.
- Although compliant with applicable EMC directives, this equipment may still be susceptible to excessive emissions and/or may interfere with more sensitive material.
- Wash and sanitize the appropriate pump parts before each use.
- Do not continue pumping for more than five minutes at a time if no result is achieved.
- Do not use antibacterial cleaners or detergents when cleaning breast pump parts.
- Never put the control handle or battery pack, or cord in water or sterilizer, as you can cause permanent damage to the pump.
- If the pressure generated is uncomfortable or causing pain, turn the unit off, break the seal between the breast and the pump body with your finger and remove the pump from your breast.

All you need to assemble and use ISIS iQ is shown here. If any of the parts are missing, or if you have any questions, please call customer support at 1.800.54.AVENT or visit [www.aventamerica.com](http://www.aventamerica.com)

## Pump Parts



## Bottle Parts



- a** Control handle
- b** Silicone diaphragm
- c** 2 White valves
- d** Pump body
- e** Reusable bases (125 ml/ 4oz and 260 ml/9 oz)
- f** Stand (same as **h**)
- g** Let-down Massage Cushion™
- h** Funnel cover (same as **f**)
- i** Battery pack
- j** Wall plug cord
- k** 1 Dome cap
- l** 1 Newborn nipple (0m+)
- m** 1 Screw ring
- n** 1 Travel cover
- o** 2 Sealing discs

## Control Handle



## Battery Pack



Only the following batteries are compatible with the ISIS iQ UNO Battery Pack: Duracell Ultra M3, Duracell Plus, Energiser Ultra Plus, Duracell Accu (NiMH), Ansmann (NiMH) For Duracell Acc (NiMH) & Ansmann (NiMH) use / charge in accordance with manufacturers guidelines. Dispose of batteries as per manufacturers instructions.

# Congratulations!

Congratulations! Soon you will discover what makes this ISIS iQ Breast Pump so uniquely yours. ISIS iQ is designed with an electronic memory that learns and continues your gentle pumping rhythm. It gives you complete control over your comfort, which means that pumping with ISIS iQ always feels natural and exactly right for you.

*Intuitive and intelligent... It's your iQ.*

**Let-down Massage Cushion™** has petals that flex in and out to gently massage the area around your breast. This is intended to help stimulate a fast, natural milk flow.

**One-touch Memory Control** gives you instant control over comfort, right at your fingertips. You stop, start or adjust the speed and suction level without removing your hand from the pump.

**Electronic Memory** learns from you. Just begin a comfortable pumping rhythm, press a button and ISIS iQ automates it.

**Pump, Store, Feed Convenience** from the AVENT Natural Feeding System. AVENT products work together, so you never have to transfer milk between containers.

**Ultra Comfortable, Quiet and Effective** making it easier for you to continue giving your baby the benefits of breast milk.

Please take a few minutes to read through this entire instruction leaflet before using your ISIS iQ UNO for the first time.

*PLEASE SAVE THESE INSTRUCTIONS.*

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## Disassembling ISIS iQ UNO

Before you use your breast pump for the first time and every time before use, you must disassemble, wash and sanitize all the breast pump parts that come into contact with your breast milk.

### Disassembly



- 1 Turn the pump off, unplug from electrical wall outlet and disconnect the wall plug cord or battery pack from the control handle. Pull the control handle directly upwards away from the diaphragm then unhook it from the stem by moving it towards the funnel.



- 2 Remove the silicone diaphragm by pulling it away from the pump body.



- 3 Remove the white valve from the pump body.



- 4 Remove the Let-down Massage Cushion™ by gently pulling it away from the funnel on the pump body.

## Cleaning and Sanitizing ISIS iQ UNO

### Clean Before Every Use (including first use):

- Silicone diaphragm (b)
- White valve (c)
- Pump body (d)
- Reusable base (e)
- Let-down Massage Cushion™ (g)
- Funnel cover/White stand (h/f)



### Cleaning Instructions:

These pump parts should be sanitized after every use. Disassemble the pump before cleaning. Wash in warm soapy water and rinse, or wash on the top rack of the dishwasher. Sanitize in a steam sterilizer (Electronic, Electric or Microwave) or by boiling in water for 10 minutes.



**CAUTION: DO NOT USE ANTIBACTERIAL CLEANERS OR DETERGENTS WHEN CLEANING BREAST PUMP PARTS.**

### Clean with a Damp Cloth when Necessary:

- Control handle (a)
- Battery pack (i)
- Wall plug cord (j)



These components DO NOT come into contact with your breast milk. You can wipe the control handle clean, using a soft cloth.

**CAUTION: NEVER PUT THE CONTROL HANDLE, BATTERY PACK OR WALL PLUG CORD IN WATER OR A STERILIZER, AS YOU CAN CAUSE PERMANENT DAMAGE TO THE PUMP**

### HELPFUL TIP!

The AVENT Electronic, Electric and Microwave Steam Sterilizers are designed to hold the washable components of the ISIS iQ UNO and the entire ISIS Manual Pump.



## Preparing to Pump

When using the pump for the first time, your ISIS iQ will have retained factory settings stored in the memory as a result of quality control testing. If the blue One-Touch Memory Control is pressed prior to squeezing the control handle upon first use the pump will operate at these settings, which may or may not be comfortable for you. We recommend that prior to engaging the automatic mode, you establish a comfortable rhythm manually, then press the blue One-Touch Memory Control to continue your preferred rhythm.

If you find that you are not expressing a lot of milk the first few times you pump, don't be discouraged. Learning to express milk, like breastfeeding, takes practice. Here are some tips that might make pumping easier:

1. Choose a time when you're not rushed and won't be interrupted.
2. Look at a photograph of your baby to help encourage let-down.
3. Place a warm cloth on your breasts for a few minutes before you start pumping. This encourages milk flow and can soothe painful breasts.
4. Warmth and relaxation can encourage milk flow. Try expressing after a bath or shower.
5. Try expressing from one breast while your baby is feeding on the other, or continue expressing just after a feed.
6. Reposition the pump on your breasts from time to time. This can stimulate your milk ducts.



### How quickly will the milk flow begin?

When pumping with the ISIS iQ UNO, your milk should begin to flow after a few compressions. If your milk does not begin to flow immediately, relax and continue pumping.

**CAUTION: DO NOT CONTINUE PUMPING FOR MORE THAN 5 MINUTES AT A TIME IF NO RESULT IS ACHIEVED.**

Stop, and try expressing milk at another time of day. If the process becomes painful, stop and consult your lactation consultant or breastfeeding advisor.

### How much milk can you expect?

On average you will need to pump for 10 minutes to express 60-120 mls or 2-4 ounces of milk. However, this is just a guide and varies from woman to woman. If you find that you regularly express more than 4 ounces of milk per session, attach a 9 oz/260 ml AVENT reusable base to the pump body.

## Preparing to Pump

You can use ISIS iQ UNO as a:

### Handheld Electric Pump



### Handheld Battery-Powered Pump



### Manual Pump

(to use the ISIS Manual Pump, see pages 15-17)



## Assembling the Pump Body of the ISIS iQ UNO

Before assembling, make sure that you have correctly washed and sanitized the pump. See section titled 'Cleaning and Sanitizing ISIS iQ' on page 6.

### Parts you will need for steps 1-4:



Pump body



White valve



Silicone diaphragm



Let-down Massage Cushion™



Reusable base



White stand



1

Click the white valve into the pump body, so that it fits securely into the small round hole. Make sure the pointed side of the valve is facing down.

## Assembling the Pump Body of the ISIS iQ UNO

2

Fit the clear silicone diaphragm into the pump body. Ensure a perfect seal around the rim by pressing down with your fingers. (This is easier if assembled while the diaphragm is wet.)



3

Screw the pump body onto the reusable base until securely in place.



To ensure that the pump is completely stable, insert the pump base into the stand.

4

Fit the Let-down Massage Cushion™ onto the pump funnel. Secure the rim of the Let-down Massage Cushion around the funnel, so that there are no gaps. (This is easier if assembled while the Let-down Massage Cushion is wet.)

Some women may prefer to use the pump without the Let-down Massage Cushion. Let-down Massage Cushion has petals that flex in and out to gently massage the area around the breast. This is intended to help stimulate a fast, natural milk flow. When using the breast pump without Let-down Massage Cushion, the maximum vacuum level achievable will be higher.



### Parts you will need for steps 5-9:



Assembled pump body  
(see pages 9-10)



Control handle



Wall plug cord



Battery pack

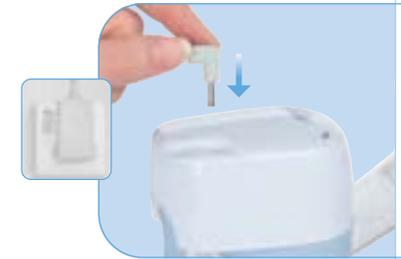


5

Firmly push the control handle onto the pump body so that it sits securely on top of the silicone diaphragm.

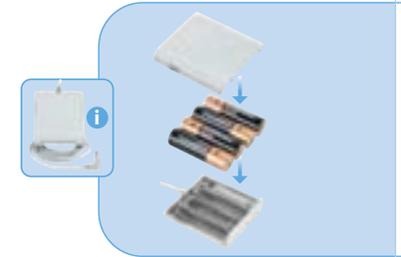
6

For electric use connect the wall plug cord to the control handle and plug into an electrical wall outlet.



7

For battery use, slide the top off the battery pack and insert 4 x AA batteries.



8

Connect the power cord to the control handle.



9

Switch on using button found on top of the battery pack.



### HELPFUL TIP!

Batteries will last for approximately 6 hours. The light on the control handle will display a slow pulsing flash to warn you when it is time to replace them. There will be enough power for approximately 1 more pumping session, with no drop-off in performance, before the pump switches itself off.

Before you begin pumping, make sure that you have correctly washed, sanitized and assembled the pump. Consult the 'Preparing to Pump' Section on page 7 for tips on stimulating let-down and milk flow.

- 1 Wash your hands thoroughly and make sure your breasts are clean.

Turn on Pump: (Either plug in the wall plug cord or switch on at the on/off switch located on the battery pack.) Press and hold the control button for a few seconds. When the light turns **GREEN**, the pump is ready to use.

If the light is flashing **RED**, refer to the 'Troubleshooting Guide' on page 21-22.

- 2 Form a Seal: Press the pump against your breast, so that your nipple fits into the funnel. A seal should form between the pump and your breast.

- 3 Let-down: Let-down is your body's physiological response to the suckling action of your baby on the breast. This stimulates the breast to produce milk and send it towards the nipple where it is available for baby.

To initiate Let-down, begin by squeezing the handle with shallow quick strokes. This is intended to imitate your baby's natural suckling pattern. At the same time you are doing this, you are enabling the petals on the Let-down Massage Cushion™ to flex in and out around the areola, creating a massaging effect. This is intended to help stimulate the natural Let-down reflex. Let-down can occur immediately after a few strokes and should not take longer than 5 minutes (refer to page 7 on Preparing to Pump). You can choose to automate this Let-down phase by pressing the blue One-touch Memory Control or you can continue to pump manually.



- 4 Milk Expression: Milk Expression occurs after Let-down is achieved and milk begins to flow. It is the phase that is induced by the baby's deeper more comfortable sucking rhythm.

If you did not automate the Let-down rhythm, please skip to Step 5. **If you have automated the Let-down phase in Step 3, press the blue One-touch Memory Control to end the Let-down rhythm.** You can now begin to establish a comfortable pumping rhythm and level of suction that can be maintained throughout your pumping session.

- 5 ISIS iQ Mimics Your Pumping: To create a natural breastfeeding rhythm, we suggest you hold down on the handle for 3 seconds, then release and repeat the pattern for the next compression. Next, press the blue One-touch Memory Control on the handle. The mode light on the pump motor will change from **GREEN** to **ORANGE** and ISIS iQ will mimic the rhythm of the last two compressions.

*Note: You do not need to compress the handle fully, only until it feels comfortable. The further you compress the handle, the more suction the pump will provide. If the pressure is uncomfortable, stop the automated pumping by pressing the One-touch Memory Control and break the seal between your breast and pump funnel with your finger.*





**6** Changing the Speed and Level of Suction: Press the blue One-touch Memory Control on the handle again, and the pump will revert to manual control. The light will turn from **ORANGE** to **GREEN**. Establish a comfortable speed and level of suction. Press the blue One-touch Memory Control again, and ISIS iQ will continue the same pumping rhythm.



**7** Ending Pumping Session: Press the blue One-touch Memory Control, break the seal between your breast and pump funnel with your finger and remove the pump from your breast. Turn the pump off and unplug at the power source. ISIS iQ will remember and save the speed and suction level of your last two compressions. Unscrew the base after milk is collected. If any milk remains in the pump body, pour it into the base. Do Not overfill the base. Wash and re-sanitize all necessary parts before the next use.

**8** Next time you turn your pump on: Resuming Saved Session? Turn on the pump as in Step 1. Complete Step 2. Press the blue One-Touch Memory Control. This engages the automatic pumping mode. The pump will continue with the rhythm of the last two saved compressions of the milk expression phase. Continue pumping as described in Step 4. Need to re-establish let-down? If you need to establish let-down, turn on the pump as in Step 1. Complete Step 2. Squeeze the handle with shallow quick strokes and proceed as described in Step 3.

CONSULT THE GUIDELINES FOR STORING EXPRESSED BREAST MILK ON PAGE 19

While the ISIS Manual Pump uses many of the same parts as the ISIS iQ UNO, please note the parts shaded in green are specific to the ISIS Manual Pump.

Parts specific to the ISIS Manual Pump are included in a separate bag:

- u** Clear pump cover
- w** Forked handle
- b** Silicone diaphragm
- c** White valve
- d** Pump body
- e** Reusable base (4oz/125ml)
- f** Stand (same as **h**)
- g** Let-down Massage Cushion™
- h** Funnel cover (same as **f**)



ISIS Manual Pump

### Cleaning the ISIS Manual Pump

**CAUTION: DO NOT USE ANTIBACTERIAL CLEANERS OR DETERGENTS WHEN CLEANING BREAST PUMP PARTS.**

Every time before use (including first use):

Clean all parts of the ISIS Manual Pump on the top rack of the dishwasher, or in warm soapy water and rinse. The pump should be sanitized after every use. All parts of the ISIS Manual Breast Pump are sterilizer safe. Sanitize ISIS Manual in a Steam Sterilizer (Electronic, Electric or Microwave), or by boiling in water for 10 minutes.

## Assembling the ISIS Manual Pump

Wash and sanitize all parts before use. See section titled 'Cleaning the ISIS Manual Pump' on page 15.



- 1 Wash your hands thoroughly. Click the white valve into the pump body so that it fits securely into the small round hole. Make sure the pointed side of the valve is facing down.



- 2 Fit the silicone diaphragm into the pump body. Ensure a perfect seal around the rim by pressing down with your fingers. *(This is easier if assembled while the diaphragm is wet.)*



white stand

- 3 Twist the reusable base onto the pump body until securely in place. To ensure the pump is completely stable, insert the pump base into the stand.

## Assembling the ISIS Manual Pump

- 4 Fit the Let-down Massage Cushion™ onto the pump funnel. Secure the rim of the Let-down Massage Cushion around the funnel, so that there are no gaps. *(This is easier if assembled while the Let-down Massage Cushion is wet.)*



- 5 Place the forked end of the handle under the rounded tip of the diaphragm stem. Push down gently on the handle until it clicks into place.



- 6 Click the pump cover onto the pump body.



## Using the ISIS Manual Pump

Before you begin pumping, make sure you have washed, sanitized and carefully assembled the ISIS Manual Pump. Consult the 'Preparing to Pump' on pages 7-8 for tips about stimulating let-down and milk flow.



- 1 Wash your hands thoroughly and make sure your breasts are clean.

**Form a Seal:** Press the pump against your breast, so that your nipple fits into the funnel. A seal should form between the pump and your breast.



- 2 Initiate Let-down: Squeeze the handle with shallow, quick strokes, until milk starts to flow. Do not use full compression on the handle.



- 3 Begin Pumping: When you see milk beginning to flow, you can establish a comfortable pumping rhythm and level of suction. Create a natural breastfeeding rhythm by holding down on the handle for 3 seconds, then releasing, and repeating that pattern for each compression.

*Note: You do not need to compress the handle fully, only until it feels comfortable. The further you compress the handle, the more suction the pump will provide.*



- 4 After milk is collected, unscrew the pump body from the base.

**CAUTION: DO NOT CONTINUE PUMPING FOR MORE THAN FIVE MINUTES AT A TIME IF NO RESULT IS ACHIEVED. TRY EXPRESSING AT ANOTHER TIME DURING THE DAY.**

## Keeping Parts Clean & Compact for Travel



### Pump

After sanitizing all parts, insert the white valve and diaphragm into the pump body, then clip the funnel cover over the Let-down Massage Cushion™. Screw the travel cover onto the bottom of the pump body, then put the assembled pump body in the gray drawstring bag.

- Travel cover (s)
- Silicone diaphragm (b)
- Pump body (d)
- White valve (c)
- Let-down Massage Cushion (g)
- Funnel cover (h) (also used as a stand when pumping)



### Storage Base

After sanitizing all parts, click the sealing disc into the screw ring. Screw the ring onto the reusable base.

- Screw ring (r)
- Sealing disc (t)
- Reusable base (e)

### AVENT Natural Shape Nipple

After sanitizing all parts, click the nipple into the screw ring. Screw the travel cover into the ring. Attach the dome cap over the top of the nipple.

- Dome cap (p)
- Screw ring (r)
- Nipple (q)
- Travel cover (s)



## Storing Your Expressed Breast Milk

With AVENT, you never have to transfer milk between containers because you pump, store and feed with the same base. By using the AVENT Natural Feeding System, you preserve valuable nutrients that can get lost if breast milk is transferred.



After expressing milk into the AVENT reusable base, insert a sealing disc into the screw ring and twist it onto the base. To feed from the same base, insert the AVENT Natural Shape Nipple into the screw ring.

### Guidelines for Storing Expressed Breast Milk

- Refrigerate breast milk immediately. Refrigerate for up to 48 hours in the back of the refrigerator, not in the door.
- Freeze for up to 3 months, or 6 months in a zero-degree freezer.
- Frozen breast milk can be defrosted overnight in the refrigerator, thawed in warm water or heated on the lowest setting of a bottle warmer or baby food warmer.
- NEVER refreeze breast milk.
- If you express small amounts of milk throughout the day, you can top up the milk container by keeping it in the refrigerator and adding to it. Make sure the milk is used within 48 hours of the first expression, or store it in the freezer.
- DO NOT add fresh breast milk to already frozen milk.

*Note: Only milk collected with a clean pump should be stored to be fed to your baby. Sanitize breast milk storage containers before use or express milk directly into VIA disposable cups.*

**CAUTION: NEVER IMMERSE A FROZEN BOTTLE OR CUP IN BOILING WATER AS THIS MAY CAUSE IT TO CRACK/SPLIT.**

## Technical Specifications

### Key to product label

Symbols as featured on the rating label on the control handle.



TYPE B APPLIED PART



GENERAL WARNING



FOLLOW OPERATING INSTRUCTIONS



ETL LISTED MARK – CANADA/UNITED STATES



FOR INDOOR USE ONLY



CLASS II EQUIPMENT

### Technical Specifications

- Mains Input Voltage 100 – 240 VAC
- Mains Input Frequency 50 – 60 Hz
- Supply voltage fluctuations not exceeding +/- 10% of the nominal voltage
- Ambient Temperature range: +10°C to +40°C
- Atmospheric Pressure: 700 to 1060hPa
- Equipment rated for continuous operation

<p><i>Lack of suction</i></p>	<ul style="list-style-type: none"> <li>◦ Check that all the pump components have been assembled correctly and that the white valve is positioned correctly.</li> <li>◦ Ensure that the silicone diaphragm and Let-down Massage Cushion™ are fitted securely to the pump body and a perfect seal is created, making sure to push the Let-down Massage Cushion far enough down the center of the funnel.</li> <li>◦ Make certain that the control handle is firmly in place.</li> </ul>
<p><i>No milk being expressed</i></p>	<ul style="list-style-type: none"> <li>◦ Ensure the pump is correctly assembled and that suction is being created.</li> <li>◦ Relax and try again, as expression may improve after practice.</li> <li>◦ Refer to the 'Preparing to Pump' section on page 7.</li> </ul>
<p><i>Pain when expressing</i></p>	<ul style="list-style-type: none"> <li>◦ You may be squeezing too hard. You do not need to use all the suction the pump can generate. Try compressing the handle halfway.</li> <li>◦ Try squeezing the handle more gently and remember the 2-3 second pumping rhythm.</li> <li>◦ Consult your health professional/breastfeeding advisor.</li> </ul>
<p><i>Milk is drawn up the Let-down Massage Cushion</i></p>	<ul style="list-style-type: none"> <li>◦ Try leaning slightly forward.</li> <li>◦ Remove and re-fit the Let-down Massage Cushion to ensure it is firmly attached and pushed far enough down the center of the funnel.</li> <li>◦ Some women may prefer to use the pump without the Let-down Massage Cushion. The Let-down Massage Cushion has petals that flex in and out to gently massage the area around the breast. This is intended to stimulate a fast, natural milk flow.</li> </ul>

<p><i>Cracking or discoloration of pump parts</i></p>	<ul style="list-style-type: none"> <li>◦ Avoid contact with antibacterial detergents/cleaners as they can damage the plastic. Combinations of detergents, cleaning products, sterilising solution, softened water and temperature fluctuations may, under certain circumstances, cause the plastic to crack. If this occurs, do not use. The pump body and breast milk containers are dishwasher safe but food colorings may discolor them. Follow guidelines in 'Cleaning and Sanitizing ISIS iQ UNO' on pages 5-6.</li> </ul>
<p><i>Lost or broken parts</i></p>	<ul style="list-style-type: none"> <li>◦ Contact AVENT for replacements. Call 1.800.54.AVENT or visit <a href="http://www.aventamerica.com">www.aventamerica.com</a></li> </ul>
<p><i>Pump not responding</i></p>	<ul style="list-style-type: none"> <li>◦ Ensure the pump is correctly assembled and switched on with the power indicator illuminated <b>GREEN</b>.</li> <li>◦ Make sure the cord between the electrical wall outlet or battery pack and the pump is correctly connected.</li> </ul>
<p><i>Pump light flashing</i></p>	<ul style="list-style-type: none"> <li>◦ 3 flashes, delay, 3 flashes etc – if the pump stops working and the power light is flashing <b>RED</b> the pump has detected a vacuum fault. Disconnect the power and check the control handle and diaphragm for obstructions or damage.</li> <li>◦ Pulsing flash – Low battery warning. You should consider replacing the batteries.</li> </ul>
<p><i>Difficulties in separating the control handle from the pump body</i></p>	<ul style="list-style-type: none"> <li>◦ The pump must be switched off via the control button in order to separate these parts. If the batteries go flat mid-pumping, you may experience difficulty. Replace the batteries or connect the pump to an electric outlet. Turn the pump on by holding down the One-touch control for 2 seconds – the light will turn <b>GREEN</b>. Now turn it off by holding the button for 2 seconds – the light will go off. You can now disconnect the pump from the power supply and you should be able to separate the parts.</li> </ul>