



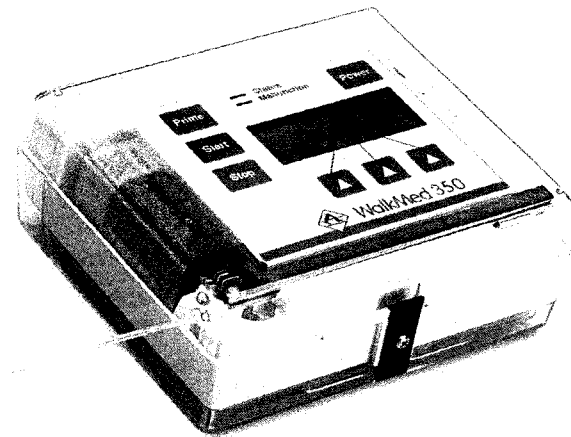
WalkMed

# WalkMed® 350

**AMBULATORY INFUSION PUMP**

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## Patient Guide



## ABOUT THIS BOOKLET

Please take some time to read this booklet. It summarizes information given to you about your WalkMed pump by your healthcare provider, who may be a physician, nurse, or pharmacist. Also, listen closely to their instructions about your pump and your treatment. Ask questions, get to know your pump, and practice using it with them.

There is space in this booklet for your healthcare provider to write down additional instructions, including who to call in case of a problem with the pump or your treatment. You can find answers to some common questions throughout the booklet, but also use the space on page 27 to write down your own questions to ask.

*Healthcare Provider Note: This Patient Guide is designed for use by the patient or patient's care-giver. For complete indications, contraindications, precautions, and operating information for the clinician, refer to the WalkMed 350 Pump Operation Manual.*

## WHO TO CALL FOR HELP

	Days	Evenings	Weekends
Healthcare Provider:	_____	_____	_____
	_____	_____	_____

*Healthcare Provider Note: Give the patient phone numbers for all periods of the day and week.*

## IF ALARM SIGNALS OCCUR

If your pump starts making beeping sounds or a continuous audio tone, follow the problem-solving instructions on page 23 of this booklet or the instructions given to you by your healthcare provider.

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Introduction

Description

Instructions

Problem-Solving

## PRECAUTIONS

- Do not drop the WalkMed pump, knock it against hard objects, or put heavy weight on top of it. If the pump is dropped or damaged, stop the pump and call your healthcare provider immediately. A damaged pump can cause over-infusion or under-infusion of medications.
- Do not use the WalkMed pump if you think it might be damaged or is not working properly. Stop the pump and call your healthcare provider immediately. If the pump alarms, follow the problem-solving instructions on page 23 of this booklet or the instructions given to you by your healthcare provider.
- Do not allow water or other fluids to get inside the pump. Fluids getting into the pump may damage it. If the pump gets wet, stop the pump and call your healthcare provider immediately.
- Use the WalkMed pump only as directed by your healthcare provider. Failure to use the pump according to your healthcare provider's instructions may interfere with your treatment.
- Your physician has prescribed the WalkMed pump for you only, as part of your treatment. Do not let others use it.
- Patients using the WalkMed pump on their own, or individuals responsible for helping patients to use it, must be instructed in its proper use. Patients must not use the WalkMed pump on their own if they have not been properly instructed.
- Federal (USA) law restricts this device to sale by or on the order of a physician.

## ABOUT YOUR WALKMED PUMP

Your physician has prescribed the WalkMed pump as part of your treatment. The pump has been prepared with a “program” of electronic operating instructions so that it will deliver your medication precisely as ordered by the physician. You’ll receive the medication through a tubing set leading from the pump. Your healthcare provider can explain more about your treatment.

### ABOUT YOUR MEDICATION

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### WHEN TO START MEDICATION DELIVERY

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### WHEN TO STOP MEDICATION DELIVERY

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### WHEN TO CHANGE THE MEDICATION BAG/TUBING SET

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*Healthcare Provider Note: Use the above space to write additional information for the patient.*

## SHOWERING, BATHING, AND SLEEPING

Your pump isn't waterproof, so be sure to keep it dry. Talk with your healthcare provider about the best way to protect the pump while bathing or showering. For example, you can place the pump outside your tub or shower in the pump carrying pouch or in a sealed plastic bag.

While sleeping, place the pump where you can hear any pump alarms. Your healthcare provider can help you find a method that meets your needs.

**CAUTION:** Do not allow water or other fluids to get inside the pump. Fluids getting into the pump may damage it. If the pump gets wet, stop the pump and call your healthcare provider immediately.

### Common Questions

**Question:** What do I do if the pump gets dropped in water?

**Answer:** If the pump is dropped in water, stop the pump. Then dry it quickly and completely with a towel. Call your healthcare provider immediately for further instructions.

**Question:** What if I roll over on the tubing during the night?

**Answer:** If you roll over on the tubing and it blocks the flow of medication, the pump will start making a beeping alarm signal and the pump display screen will read OCC. Follow the problem-solving instructions on page 23 of this booklet or the instructions given to you by your healthcare provider.

### Additional Instructions

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*Healthcare Provider Note: Use this space to write additional patient instructions.*

## CLEANING AND CARE

Keep your pump clean and dry by always keeping the protective front cover snapped in place on the pump and by wearing the pump in its carrying pouch. To clean the outside of the pump, use a cloth dampened with water or a weak solution of a mild dishwashing detergent. Avoid getting the pump too wet while cleaning it. Do not use caustic/acidic solvents such as paint thinner or lacquer remover.

To clean the WalkMed carrying pouch, hand-wash it using water and mild soap. Then rinse it thoroughly and air-dry completely.

**CAUTION:** Do not try to take the pump apart or fix it yourself. If a problem occurs, follow the problem-solving instructions on page 23 in this booklet or call your health-care provider.

**CAUTION:** Always keep the front cover on the pump while receiving treatment or during storage, to prevent damage to the keypad and battery terminals. A damaged pump may not operate or may operate incorrectly.

### Common Questions

**Question:** How often should I clean the pump?

**Answer:** If you use the protective pump cover and carrying pouch, simply inspect the pump from time to time and wipe it clean as needed. Follow any additional instructions given by your healthcare provider.

**Question:** What happens if debris gets inside the pump?

**Answer:** If any material gets inside the pump or into any pump mechanism, stop the pump and contact your healthcare provider immediately for further instructions. Do not try to remove the debris yourself: doing so may damage the pump.

### Additional Instructions

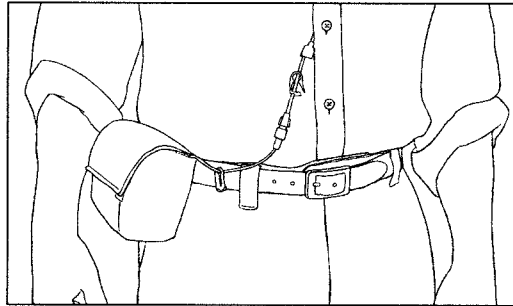
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*Healthcare Provider Note: Use this space to write additional patient instructions.*

## WEARING THE PUMP



Your WalkMed carrying pouch provides an easy way to wear and protect the pump during your daily activities. Also use the pouch to keep an extra battery and other supplies conveniently within reach.

### Common Questions

**Question:** Do I have to use the carrying pouch?

**Answer:** You can use the pump without it so long as you take care to protect the pump from knocking, falling, and exposure to debris or moisture. However, the WalkMed carrying pouch is specially designed to provide lightweight, padded, and moisture-resistant protection for your pump and supplies.

**Question:** Can I wear the pump outside in bad weather?

**Answer:** Avoid using the pump in temperatures below 2°C (35°F) or above 50°C (122°F). When outside, use the carrying pouch to help protect the pump.

**Question:** Can I use the pump while in an airplane?

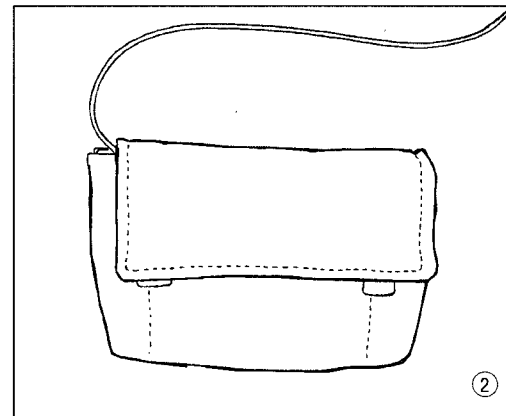
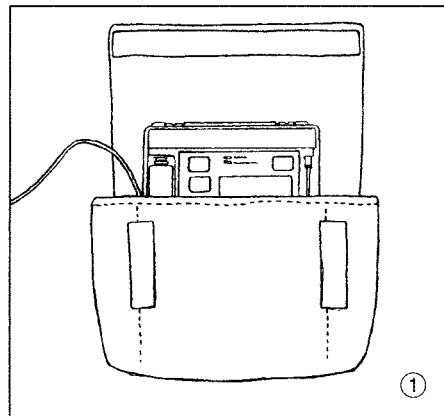
**Answer:** Yes. Because the pump creates its own positive pressure, you can use it regardless of altitude or air pressure.

**Question:** Can I wear the pump while having an x-ray exam?

**Answer:** Yes. The pump will not be damaged when exposed to common low-level magnetic fields such as caused by x-ray machines, microwave ovens, or power lines. However, the pump should not be used in certain high-intensity magnetic fields, such as caused by MRI scanners. If you have questions about exposure to a certain type of electro-magnetic equipment, contact your healthcare provider first.



### To Use the Carrying Pouch



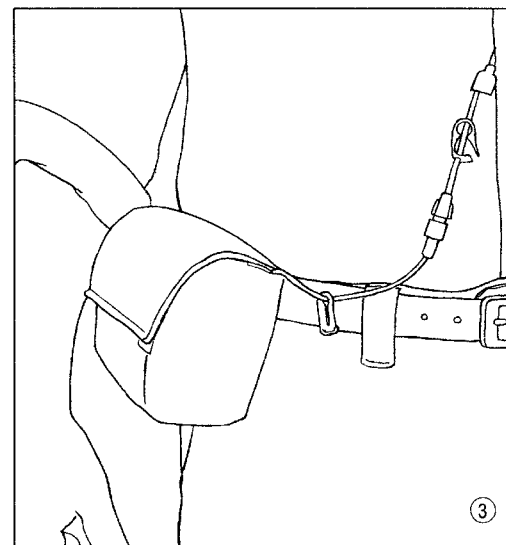
① Slip the WalkMed pump top side-up into the pouch front compartment.

② Close the pouch flap onto the velcro strips on the pouch front.

The tubing should come out the opening to either side of the closed flap.

③ When moving about, insert a belt through the pouch to make it more stable. Feed the belt through the belt loop on the back of the pouch.

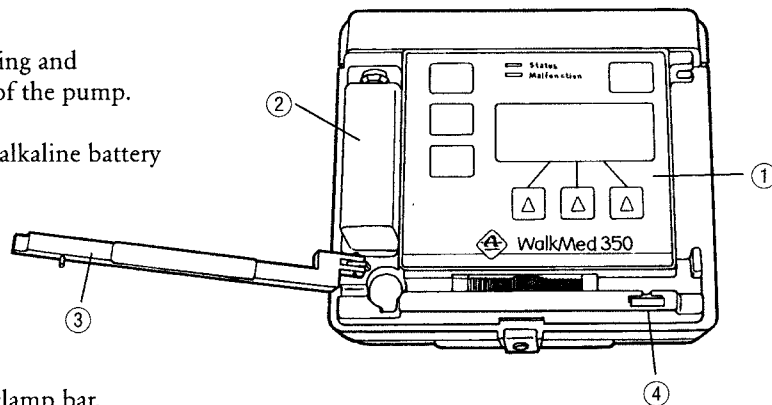
Arrange the tubing to avoid kinking or twisting it. Your healthcare provider can help you arrange the tubing to best fit your daily activities.



# PUMP DESCRIPTION

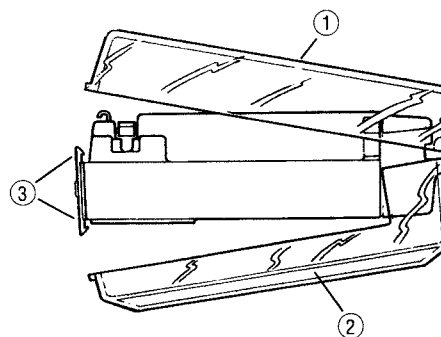
## Front View

- ① **Keypad.** The operating and information center of the pump.
- ② **Battery.** One 9-volt alkaline battery powers the pump.
- ③ **Clamp bar.** Keeps the pump tubing set in place.
- ④ **Clamp bar release.** Press to release the clamp bar.



## Right Side View

- ① **Front cover.** Protects the keypad during use.
- ② **Reservoir cover.** Protects the medication bag during use.
- ③ **Cover latch.** Secures the front and reservoir covers when closed.



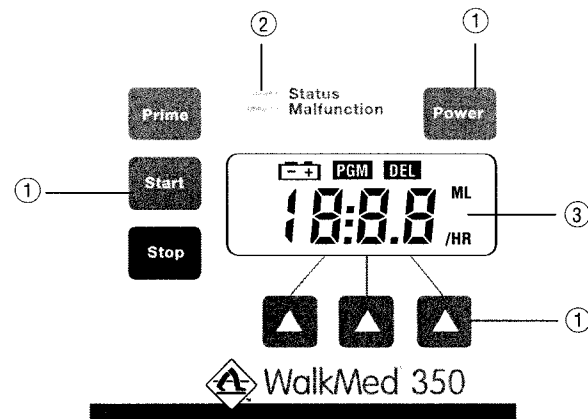
**Note:** Depending on your treatment, your pump may have no reservoir cover or may have a larger or different reservoir cover. Your healthcare provider can explain this to you.

## KEYPAD DESCRIPTION

The pump keypad contains the keys used to operate the pump. It also contains screen and signal lights that show important information about your pump.

The pump uses signal lights, sounds, and display screen messages to give information about pump operations or alarm conditions. The most important information about your pump is shown in the messages on the display screen. These messages tell you what the pump is doing and, if an alarm occurs, what the alarm condition is.

Display screen messages are used throughout this booklet to show pump operating steps. For a description of display messages for pump alarm conditions, read the Problem-Solving Table on page 24 in this booklet.







Description

- ① **Keys.** Use these only as directed by your healthcare provider to operate the pump.
- ② **Status and Malfunction lights.** The Status light may blink green, yellow, or red, depending on the operating function or alarm being signaled. The Malfunction light comes on in a continuous red when certain alarms occur.
- ③ **Display screen.** Shows messages describing pump operations and alarms.

**If Alarm Signals Occur:** Follow the problem-solving instructions on page 23 of this booklet or the instructions given to you by your healthcare provider.

## Table of Pump Key Functions

This page lists the keys on the pump keypad and what each is used for. Use the keys only as directed by your healthcare provider.

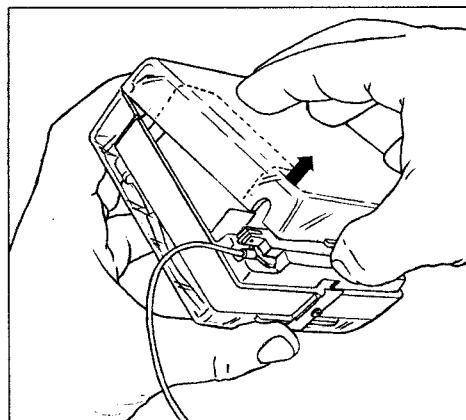
Pump Key	What Key Does
	Turns pump power on and off.
	Starts medication delivery.
	<ul style="list-style-type: none"><li>• Stops medication delivery.</li><li>• Silences pump alarms.</li></ul>
	Changes medication delivery rate. Use these keys only if instructed by your healthcare provider.

**CAUTION:** Do not use sharp objects to press the keys on the WalkMed pump. Doing so may damage the keys, possibly causing the pump to stop operating or operate improperly.

# DELIVERING YOUR MEDICATION

When started, your WalkMed pump provides automatic continuous delivery of medication. Your healthcare provider will explain your treatment and instruct you on times to start and stop the medication delivery.

## To Start Medication Delivery



Take off front cover



Power-On



Delivery Stopped



Delivery Rate

### 1. Take the front cover off the pump:

- Put your fingers on top of the cover and your thumb on the tab at the bottom of the cover.
- Use your thumb to pull the cover from the latch and away from the pump.

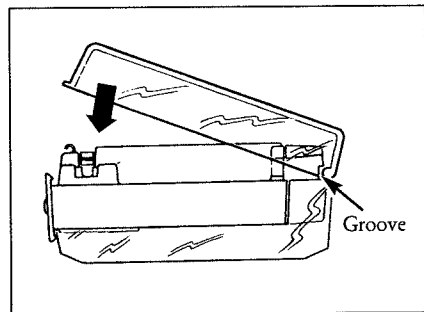
### 2. Press the **Power** key.

A series of displays will show on the screen, ending with the flashing Delivery Rate display.

The numbers you see on your own pump's display screen may differ from the examples shown in this booklet.

### 3. Press the **Start** key.

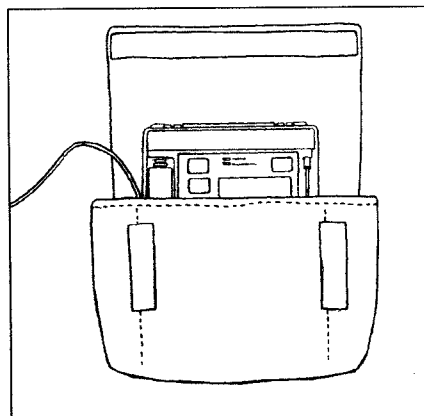
The Delivery Rate display will read DEL and the Status light will start blinking green.



Re-attach front cover

**4. Re-attach the front cover on the pump:**

- Hold the cover so that the screened area is over the battery.
- Insert the top of the cover into the groove at the top of the pump.
- Press down on the cover until it snaps into place.



Place pump in carrying pouch

**5. For your convenience and to protect the pump during use, place the pump in its carrying pouch.**

For use instructions, see the section on “Wearing the Pump” on page 4.

## During Medication Delivery

Check for the following while the pump delivers your medication:

- The Status light blinks green.
- The pump display screen reads DEL.
- The pump motor runs about every 30 seconds. You should feel it vibrate and hear the faint sound of the motor running.
- The reservoir bag is emptying.
- There are no leaks in the tubing.
- There is no air in the reservoir bag or tubing.

If you notice any problems, call your healthcare provider immediately, or follow your healthcare provider's instructions.

## To Stop Medication Delivery



Press the **Stop** key.

The Delivery Rate display will read PGM and will start flashing. The pump will make a beep sound about every 7 seconds and the Status light will blink red, to remind you that medication delivery is stopped.

## To Turn Pump Power Off



Press the **Power** key and hold it until the display goes blank.

When you no longer see any information on the display, release the key.

# CHANGING THE MEDICATION DELIVERY RATE

Your healthcare provider may want you to change the medication delivery rate during the course of your treatment. If so, your healthcare provider will discuss this with you.

## When to Change the Pump Settings

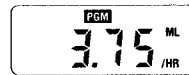
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*Healthcare Provider Note: Write down when the patient can change pump settings.*

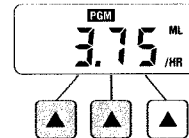
## To Change the Medication Delivery Rate



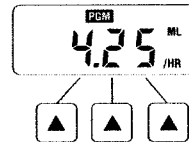
Delivery Stopped

1. Press the **Stop** key to stop medication delivery.

The Delivery Rate display will start flashing.



2. Press the **▲** key under the number you want to change. Each press advances the number by one.



*Example: Rate was 3.75 ml/hr. You want to change it to 4.25 ml/hr. Press the ▲ key under the “3” one time until you see the number “4”. Then press the ▲ key under the “7” until you see “2”.*



Delivery Rate

3. Press the **Start** key to restart medication delivery at the new rate.



# CHANGING THE PUMP BATTERY

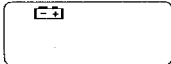

Your pump is powered by a single 9-volt alkaline battery. Change the battery as directed by your healthcare provider, or if the Low Battery or Depleted Battery alarms occur.

## When to Change the Battery

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*Healthcare Provider Note: Write down how often the patient should change the battery.*

## If Battery Alarms Occur

Display Message	Meaning
	<b>Low Battery alarm.</b> You have about 30 minutes to replace the battery before it becomes fully depleted.
	<b>Depleted Battery alarm.</b> The battery no longer contains enough charge to power the pump and must be replaced at once.

## Recommended Battery

9-volt alkaline battery (Duracell® brand MN1604 or equivalent)

### Common Questions

**Question:** Can I use a non-alkaline battery?

**Answer:** **DO NOT USE** non-alkaline batteries in your WalkMed pump. Non-alkaline batteries may cause the pump to signal a malfunction alarm.

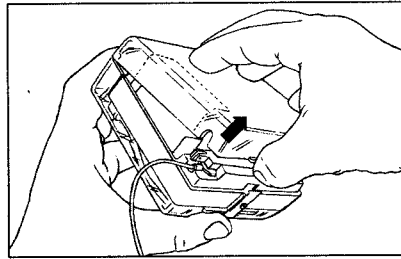
**Question:** Can I use an alkaline battery other than Duracell?

**Answer:** Other alkaline batteries will work. However, to assure the best pump performance, use the recommended Duracell brand battery.

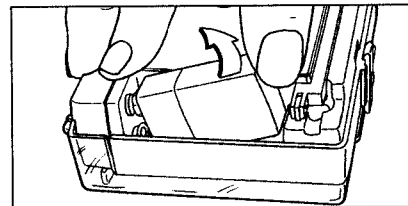
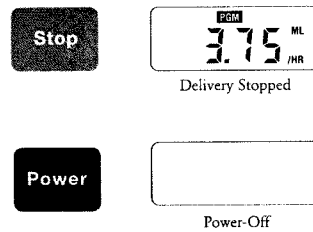
**Question:** If the battery is fully depleted, what happens to the pump settings?

**Answer:** The pump won't lose its programmed settings. It keeps the settings in memory even if it loses battery power. However, to avoid interrupting your treatment, always keep a fresh battery handy.

## To Remove the Old Battery

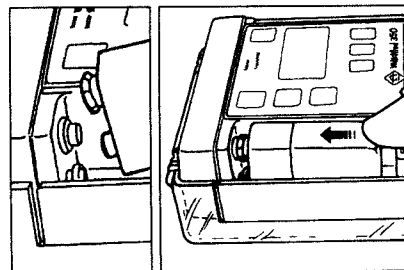


Take off front cover



Unsnap old battery

## To Insert the New Battery



Match terminals and push into place

### 1. Take the front cover off the pump:

- Put your fingers on top of the cover and your thumb on the tab at the bottom of the cover.
- Use your thumb to pull the cover from the latch and away from the pump.

### 2. Press the **Stop** key.

The Delivery Rate display flashes.

### 3. Press the **Power** key and hold it until the display goes blank.

### 4. Put your thumb on the bottom of the old battery and pull up to unsnap it from the terminals on the pump.

Match the terminals on the battery to the terminals on the pump. Then push the battery forward to snap it into place.

# CHANGING THE MEDICATION BAG/TUBING SET

During your treatment, your healthcare provider may want you to remove the medication bag and tubing set when it empties and replace it with a new set. If so, your healthcare provider will explain when to change sets and what supplies you'll need.

## When to Change the Set

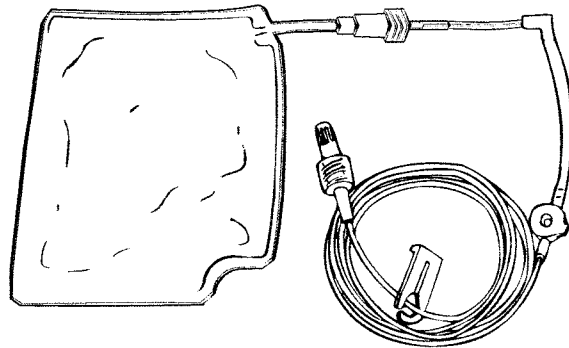
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*Healthcare Provider Note: Write the times when the patient needs to change the set.*

## Supplies Needed

- One (1) filled medication bag with tubing set attached



- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

*Healthcare Provider Note: List additional supplies here. CAUTION: Use only medication bag/ tubing sets recommended for use with the WalkMed pump by McKinley Medical.*

Instructions

## Before Using the New Medication Bag

Always check the following before using the new medication bag:

- The bag is labeled with your name.
- The expiration date on the bag has not passed.
- There are no air bubbles in the bag.
- The tubing is not twisted or blocked.

Remember, this is your treatment. If you notice any problems, are uncomfortable with anything, or have questions, contact your healthcare provider.

## Handling the New Set

Handle the new bag/tubing set carefully to prevent contamination of the set and your medication. When handling the new bag/tubing set, follow these steps, or the instructions given to you by your healthcare provider:

- Before handling, wash your hands thoroughly with soap and running warm water.
- Do not touch the open tubing ends with your fingers. Also, do not let the open ends touch your body or any other object.

## Additional Instructions

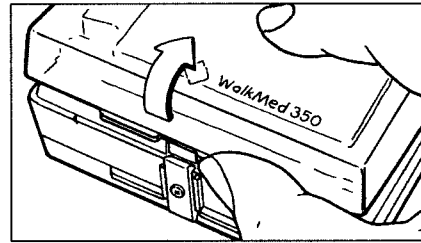
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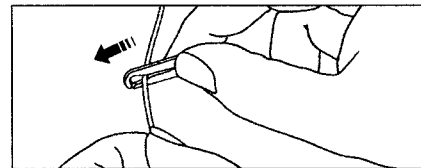
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*Healthcare Provider Note: Give additional handling instructions here.*

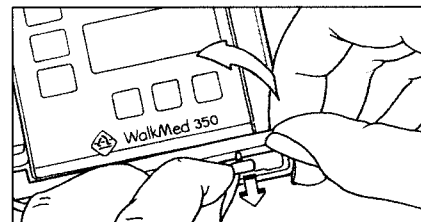
## To Remove the Old Set from the Pump



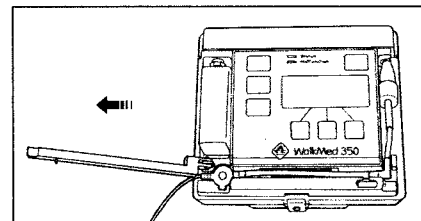
Take off front cover



Close clamps



Push down on clamp bar release



Open clamp bar

### 1. Take the front cover off the pump:

- Put your fingers on top of the cover and your thumb on the tab at the bottom of the cover.
- Use your thumb to pull the cover from the latch and away from the pump.

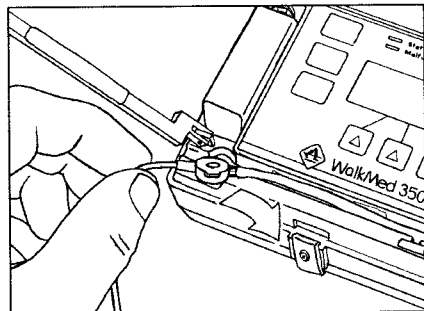
### 2. Press the **Stop** key.

The Delivery Rate display will start flashing. The pump will beep about every 7 seconds until you restart medication delivery.

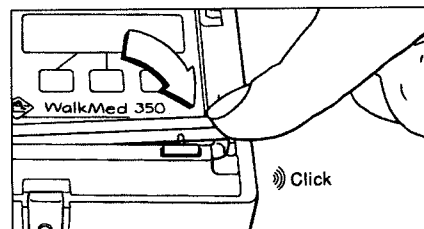
### 3. Close the clamps on the pump tubing and your infusion line.

### 4. Open the pump clamp bar:

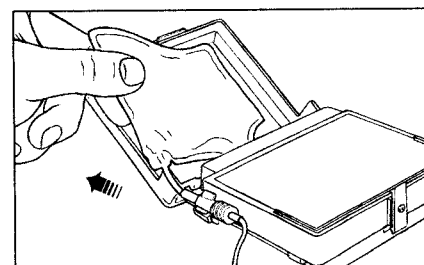
- Push down on the clamp bar release at the bottom front of the pump.
- Move the clamp bar up and to the left.



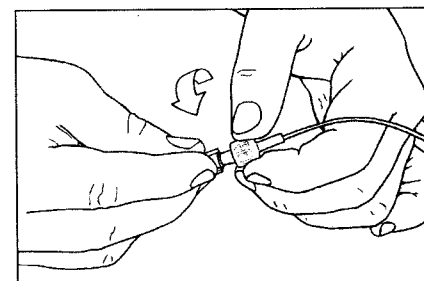
Remove old tubing



Close clamp bar



Remove old set from pump



Disconnect old set from infusion line

5. Remove the old medication tubing from the pump chamber and tubing path.

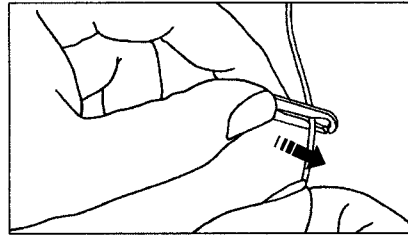
6. Close the clamp bar to avoid damaging it while performing the next steps.

7. Open the reservoir cover and remove the old medication bag/tubing set from the pump.

8. Disconnect the old tubing set from your infusion line.

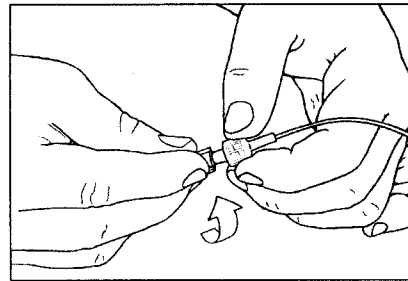
Dispose of the used medication bag/tubing set as directed by your health-care provider.

## To Connect the New Set to Your Infusion Line



Close clamp on new set

1. Close the clamp on the new medication bag/tubing set.

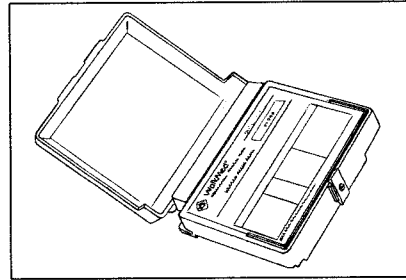


Connect new set to infusion line

2. Connect the new tubing set to your infusion line.

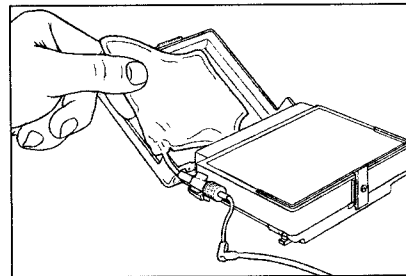
Turn the connector until it is snug.  
Do not overtighten it.

## To Insert the New Set in the Pump



Open reservoir cover

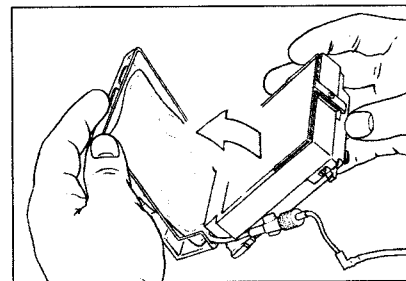
1. Make sure the pump reservoir cover is open so that the cover and pump lay flat on the table.



Place new bag in cover

2. Place the new medication bag in the reservoir cover so that the tubing goes into the tubing path on the side of the pump.

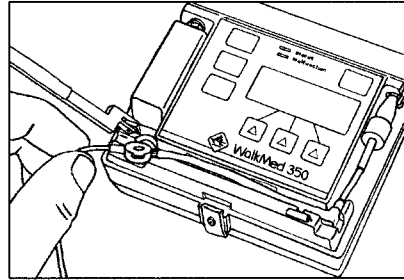
**CAUTION:** Do not pinch the tubing between the reservoir bag and pump. Pinched tubing may block the flow of medication.



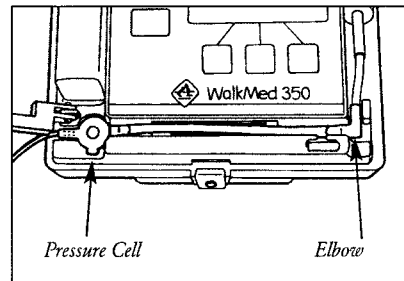
Close pump onto cover

3. Move the pump back onto the reservoir cover. Then push down to snap the cover tab completely in the latch.

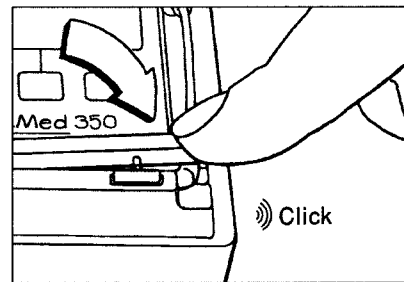




Insert tubing in pump chamber



Check tubing pressure cell and elbow



Close clamp bar until it “clicks”

4. Open the clamp bar. Then lay the new tubing into the pump chamber. Release the tubing to make sure it isn't twisted.

**CAUTION:** Do not twist the elastic section of the tubing when you put it into the pump chamber. Twisted tubing may block the flow of medication.

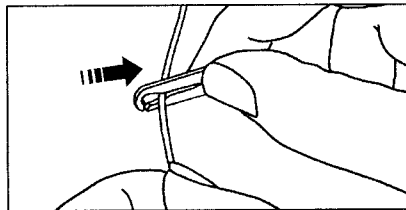
5. Make sure the tubing pressure cell and elbow fit securely in their seats.

6. Close the clamp bar over the tubing until the bar “clicks” into place.

Listen for the “click” sound to be sure the clamp bar is fully closed.

If you don't hear a “click” sound, open the clamp bar, make sure the tubing is properly in place, and close the bar again.

If you try to start medication delivery without properly closing the clamp bar, the pump will alarm.



Open clamps

7. Open the clamps on the new pump tubing and your infusion line.

8. Check the new medication bag and tubing to make sure they are:

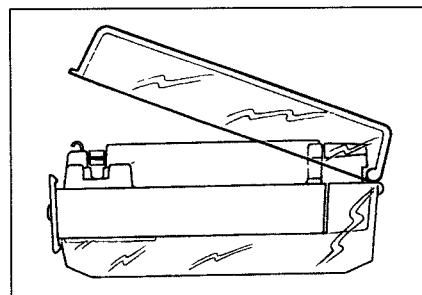
- Properly connected.
- Properly inserted in the pump.
- Not twisted, pinched, or clamped.

### To Restart Medication Delivery



Delivery Rate

1. Press the **Start** key.



Re-attach front cover

2. Re-attach the front cover on the pump and close it:

- Hold the cover so that the screened area is over the battery.
- Insert the top of the cover into the groove at the top of the pump.
- Press down on the cover until it snaps into place.

### Additional Instructions

---

---

*Healthcare Provider Note: Use this space to write additional patient instructions.*

# PROBLEM-SOLVING

## About the Alarm Signals

Your pump will alert you to problems by giving alarm signals and by showing various messages on the pump display screen. If you hear the pump make slow or fast beeping sounds, or just one continuous sound, look at your pump display screen and read the message you see. These messages tell what the problem or condition is. Messages for pump problems are described in the Problem-Solving Table on page 24.

## If Alarm Signals Occur

1. Write down the message you see on the pump display screen.

Write the message in the space below to help you remember it when you use the Problem-Solving Table or when contacting your healthcare provider.

---

---

2. Press the **Stop** key to silence the pump alarm.
3. Do one of the following, as directed by your healthcare provider:

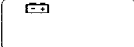
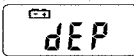



- Use the Problem-Solving Table on page 24 to identify the problem and correct it.
- Call your healthcare provider immediately: \_\_\_\_\_

*Healthcare Provider Note: Check which action the patient is to take and provide a phone number for help 24 hours-per-day.*

4. If you can't solve the problem using the Problem-Solving Table, call your healthcare provider immediately.

**CAUTION:** Do not try to take the pump apart or fix it yourself. If you can't solve a problem using the Problem-Solving Table, call your healthcare provider immediately.

## Problem-Solving Table

DISPLAY MESSAGE	PROBLEM	RECOMMENDED CORRECTIVE STEPS	WHO TAKES CARE OF PROBLEM*	
			Patient	Health-Care Provider
	Battery is low.	<ol style="list-style-type: none"> <li>1. Press <b>Start</b> to silence alarm.</li> <li>2. Replace battery as soon as possible. You have about 30 minutes to replace battery. <i>For instructions, see page 13.</i></li> </ol>	<input type="checkbox"/>	<input type="checkbox"/>
	Battery is depleted.	<ol style="list-style-type: none"> <li>1. Remove depleted battery to silence alarm.</li> <li>2. Insert new battery. <i>For instructions, see page 13.</i></li> <li>3. Press <b>Power</b> to turn pump power on.</li> <li>4. Press <b>Start</b> to restart medication delivery.</li> </ol>	<input type="checkbox"/>	<input type="checkbox"/>
	Pump clamp bar is open.	<ol style="list-style-type: none"> <li>1. Press <b>Stop</b> to silence alarm.</li> <li>2. Check tubing to ensure it's in place and not twisted.</li> <li>3. Close clamp bar until it "clicks" shut. <i>For instructions, see pages 20-21.</i></li> <li>4. Press <b>Start</b> to restart medication delivery.</li> </ol>	<input type="checkbox"/>	<input type="checkbox"/>
	Infusion line or tubing is blocked.	<ol style="list-style-type: none"> <li>1. Press <b>Stop</b> to silence alarm.</li> <li>2. Check for cause of blockage (clamp is closed, tubing pinched, etc.) and correct it.</li> <li>3. Press <b>Start</b> to restart medication delivery.</li> <li>4. If you can't correct blockage, call your healthcare provider immediately.</li> </ol>	<input type="checkbox"/>	<input type="checkbox"/>
	Pump malfunction.	<ol style="list-style-type: none"> <li>1. Write down message from display screen.</li> <li>2. Remove battery to silence alarm.</li> <li>3. Call your healthcare provider immediately.</li> </ol>	<input type="checkbox"/>	<input type="checkbox"/>

\* Healthcare Provider Note: Use these columns to mark whether the corrective steps for a problem are to be performed by the patient or by the healthcare provider.

## KEY TO SYMBOLS



**Attention: Consult Accompanying Documents**



**Type BF Patient Applied Part**

**IPX-1**

**Drip Proof**



**Single Use Only- Do not resterilize**



**Ethylene Oxide Sterilized**



**Expiration Date**



**Lot Number**

**CE1275**

**Device conforms to the requirements of Council Directive 93/42/EEC**

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