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What you need

**FreeGo® pump** with power lead

**Giving set** provided in a plastic bag

**Stand** to hold the feed

**Pole clamp** to attach the pump to the stand

**Feed**

Set up the FreeGo® pump table top stand

1. The stand is in two parts
2. Depress the locking button and slide the parts together
3. Stand is correctly assembled when the locking button pops through the hole

Feed container hangs from the hook at the top of the stand

Feed may be different from the one shown here

Giving sets, stands, accessories and feeds may differ from those displayed
Prepare the FreeGo® pump

5. Attach power cord to pump

6. Screw the pole clamp to the stand ensuring to align the small black end of the screw to green dot on the stand

7. Attach pump to the pole clamp by turning the black wheel clockwise

8. Hold the pump in place and tighten the clamp onto the pole by turning the black knob

9. Ensure the pump is securely held onto the stand

Plug in and turn on

10. Insert plug into wall socket (adaptors for different countries are available if required)

11. Switch on the power supply

12. When the pump is powered by the mains a plug icon shows on the LCD and an LED light above the pump dial illuminates. These icons indicate the pump’s integral battery is being recharged. During recharging the LCD battery icon will scroll. Fully-charged, the battery will allow the pump to work in the event of power failure or voluntary disconnection from the mains power supply. Please see page 17 for further details on how long the battery can power the pump
Before using your giving set:

13. Check the date on the packaging and do not use if out of date

14. Find the V-notch at the top of the packaging and tear open

15. Remove paper band and uncurl the giving set, taking care not to kink the tubing

16. Twist on the feeding adaptor (with clear plastic end cover) to the end of the giving set tubing

IMPORTANT

Enteral feeding tubes can be clearly identified by their lilac fittings. Do not use a tube for enteral feeding unless it has lilac fittings.
Attach giving set to the Ready to Hang (RTH) container*:

17. Check the date on the feed (do not use if out of date)
18. Shake the container gently
19. Unscrew the protective white cap, taking care not to touch the foil lid
20. Do not touch foil with your fingers and do not pierce it with scissors
21. Screw on the feedcap adaptor tightly. The built-in foil cutter will pierce the foil automatically
22. Hang the container upside down from the hook on the stand

Insert giving set cassette into pump and prime the giving set:

The giving set can be primed (filled) using:

(A) THE AUTOPRIME FUNCTION

23. Open the pump door
24. Grasp the lilac cassette body
25. Loop pump insert around wheel, stretching lightly
26. Gently pull down on the loop
27. Seat lilac cassette into pump
28. Gently press the tubing to ensure it is fully seated in slots below the cassette
29. Close pump door. You will hear a click when the door has been closed properly
30. Turn pump dial to SET RATE or SET DOSE
31. Press and hold the PRIME button for 2 seconds, then release

*PRIMING* will be displayed on the LCD. Autopriming will stop when the priming volume has been reached.
To stop the process, press and release the PRIME button.
23. Gently push the lilac prime tab on the giving set

24. Steadily apply pressure until the feed begins to flow (there is no need to use a pumping action)

25. Completely fill the set by allowing the feed to expel air from the tubing

26. Open the pump door

27. Grasp the lilac cassette body

28. Loop pump insert around the wheel, stretching lightly

29. Gently pull down on the loop

30. Seat lilac cassette into the pump

31. Gently press the tubing to ensure it is fully seated in slots below the cassette

32. Close the pump door. You will hear a click when it has been closed properly

NOTE: The end cover needs to be removed prior to priming the set

Summary of controls and functions

- **OFF/CHRG**
  - Turns pump off (and will charge the battery if plugged in)

- **SET RATE**
  - Sets the amount of feed needed per hour

- **SET DOSE**
  - Amount to be fed. Set to INF DOSE if a specific dose is not required

- **RUN**
  - Operates pump and delivers feed

- **HOLD**
  - Pauses pump for 5 minutes. Use HOLD if you want to cancel an alarm or pause feeding

- **VOL FED**
  - Shows the amount of feed administered

- **CLEAR VOL**
  - Clears the accumulated volume that has been delivered and been stored in pump’s memory

- **ARROW KEYS**
  - Used to increase or decrease dosage and rate of feed. They are also used to switch between settings on the LCD display

- **PRIME BUTTON**
  - Used to auto prime the system

- **AUDIO/BACK LIGHT OPTIONS BUTTON**
  - Used to adjust audio alarm and back light intensity

NOTE: The end cover needs to be removed prior to priming the set
SET RATE and SET DOSE functions

33. Turn pump dial to SET RATE

34. Select flow rate by pressing the Up or Down arrows. Keeping an arrow depressed will cause the scroll rate to increase

35. Turn dial to SET DOSE

36. Programme desired dose by using the Up or Down arrows

Refer to your feeding regimen or dietitian notes to check your feeding rate

Refer to your feeding regimen or dietitian notes to check your total dose

If your healthcare professional tells you not to set a dose, depress the Down arrow until INF DOSE is displayed (will feed until the container is empty)

Connect to feeding tube and start feeding

37. Rush your feeding tube as directed

38. Connect giving set to your feeding tube. Use the feeding adaptor if required

39. Turn the dial to RUN to start feeding. Four drop icons will scroll in the lower right hand corner of the display while feed is running

NOTE: The end cover needs to be removed prior to priming the giving set
40. Turn the dial to VOL FED and the display will indicate how much feed you have delivered.

41. To continue feeding, turn the dial back to RUN.

42. To reset the VOL FED counter to zero, turn the dial to CLEAR VOL (the volume will clear after a 5 second count down on display).

43. To continue feeding, turn the dial back to RUN.
Everyday care of your pump

The pump should be cleaned every day after use and immediately after spills occur.

44. Before cleaning make sure the pump is off. Switch off mains power and unplug from the wall socket.

45. Wipe carefully and thoroughly with a soft damp cloth and warm soapy water.

46. The pump is water resistant and can be rinsed under running water. Make sure that you dry the pump properly.

47. When you have finished cleaning the pump, it should be reconnected so that the battery can continue charging.

WARNING – CLEAN THE OUTSIDE OF THE PUMP ONLY
Do not submerge the pump or spray water or cleaning solution into the pump. For general disinfecting, use 10% solution of 5.25% sodium hypochlorite (household bleach), or 40% solution of ethyl alcohol, or 10% solution of phosphoric acid.
Alarms/Alerts: OCCL

If the display shows **OCCL INTO PUMP** and an audio alarm sounds, the feed cannot be delivered due to a blockage between the feed container and the pump.

If the display shows **OCCL OUT OF PUMP** and an audio alarm sounds there is a blockage between the pump and the patient.

Silencing the alarm

Turn dial to HOLD to silence the alarm

Alarms/alerts: FEED EMPTY

The **FEED EMPTY** alarm occurs if the bottle is empty or if the cassette becomes loose or is not inserted correctly.

**Check the following**

- Is the cassette inserted correctly?
- Did you shake the bottle gently first?
- Is the giving set tubing bent or trapped anywhere?
- Is the stopcock in the feeding position?
- Is the clamp open on your feeding tube (e.g. nasogastric/gastrostomy tube)?
- Is your feeding tube blocked? To check, disconnect the giving set from the feeding tube and RUN the pump into a suitable container. If feed comes out and there is no alarm, it means the pump and giving set are working normally, indicating that your nasogastric/gastrostomy tube may be blocked (contact your Healthcare Professional)
- If you still experience problems, telephone Abbott Nutrition on 1 800 22 11 66.

**Is the bottle empty?**

- Bottle not empty
- Bottle empty

**Replace bottle**
**DOSE DONE**

- **DOSE DONE** means that the dose you entered in SET DOSE is finished. This is normal.
- If you wish to feed until the container is empty, set the dose to INF DOSE by selecting SET DOSE and depressing the Down arrow until INF DOSE is displayed.
- If dose is set to INF DOSE this alarm will not alert.

**BATTERY**

- **BATT LOW BATTERY** means that the pump’s internal battery needs recharging.
- Approximately 30 minutes of battery operation remains.
- Connect to mains power and continue feeding.
- If CHRG PLEASE WAIT is displayed, please wait until PUMP READY FOR USE is displayed.
- A fully charged battery will power the pump for about 24 hours at a feed rate of 125ml/h. The battery charges fully in about 6 hours.
- **BATT BATT EMPTY** means that the battery is depleted and the pump has stopped feeding.
- Connect to mains power.
- The display will indicate CHRG PLEASE WAIT until the pump is ready to use.

**Troubleshooting guide**

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<th>Possible cause</th>
<th>Action to take</th>
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<td><strong>ATTN</strong></td>
<td>PUMP ON HOLD</td>
<td>This means that hold time has elapsed</td>
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<tr>
<td><strong>POWER SUPPLY</strong></td>
<td>CAUSE: Loose wire or the pins have moved</td>
<td>ACTION: Check that the part where the three pins are has not become loose and separated from the main body of the adaptor. If this has happened simply push back together so the top of the charger is totally flat.</td>
</tr>
<tr>
<td><strong>BATT LOW BATTERY</strong></td>
<td>The pump battery is nearly empty and approximately 30 minutes of battery operation remain</td>
<td>Plug the power cord into a mains outlet and make sure the power is turned on</td>
</tr>
<tr>
<td><strong>BATT BATT EMPTY</strong></td>
<td>This means the pump battery is depleted and the pump has stopped working</td>
<td>Plug the power cord into a mains outlet and make sure the power is turned on. The display will indicate CHRG PLEASE WAIT until pump is ready to use. Refer to page 4 to ensure charger is correctly assembled.</td>
</tr>
<tr>
<td><strong>CHRG PLEASE WAIT</strong></td>
<td>The battery charge is below the minimum level to operate and the pump cannot be used until minimum charge level is reached</td>
<td>No action can be taken. Pump is available for use when the display indicates PUMP READY TO USE</td>
</tr>
<tr>
<td><strong>DIAL NOT SET</strong></td>
<td>Pump dial is between two dial positions e.g. between RUN and HOLD</td>
<td>Turn the dial to the desired position directly aligning the two dots (on the dial and pump casing). Continue setting up and operating pump as normal</td>
</tr>
<tr>
<td><strong>DOOR OPEN</strong></td>
<td>This means the pump door is open while feeding or priming the giving set</td>
<td>Turn dial to HOLD and close the pump door. Turn dial to RUN to restart pump or attempt to prime the giving set again</td>
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# Troubleshooting guide

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<th>Screen display</th>
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<td><strong>DOSE</strong>&lt;br&gt;&lt;br&gt;<strong>DONE</strong></td>
<td>This shows the pump has completed delivering the programmed dose</td>
<td>If you have finished feeding: turn dial to OFF/CHRG as the dose has been delivered (VOL FED has reached your set dose). If there is more feed to deliver: turn dial to CLEAR VOL (after 5 seconds, volume will be cleared). Then turn dial to SET DOSE, and use the Up and Down arrows to set the remaining dose to be delivered. Turn dial to RUN to restart the pump.</td>
</tr>
<tr>
<td><strong>ER##</strong>&lt;br&gt;&lt;br&gt;<strong>SYSTEM FAIL</strong></td>
<td>This indicates a pump malfunction</td>
<td>You should remove the pump from the patient immediately. Turn the dial to OFF/CHRG and contact Abbott Nutrition.</td>
</tr>
<tr>
<td><strong>FEED</strong>&lt;br&gt;&lt;br&gt;<strong>EMPTY</strong></td>
<td>This means that air has been detected in the giving set</td>
<td>If you have finished feeding: turn the dial to OFF/CHRG as pump was programmed to feed until container empty (SET DOSE at INF DOSE). If there is more feed to deliver: turn dial to hold to silence the alarm. Turn dial to set dose or set rate. Remove feeding adaptor from feeding tube. Prime air out of giving set and securely re-attach the feeding adaptor to the feeding tube. Turn the dial back to run. If pump continues to alarm refer to page 18.</td>
</tr>
<tr>
<td><strong>LOCK</strong>&lt;br&gt;&lt;br&gt;<strong>PUMP LOCKED</strong></td>
<td>Lock-out disables the SET RATE, SET DOSE and CLEAR VOL dial settings, as well as the pump’s prime features</td>
<td>Turn dial to SET RATE or SET DOSE. Deactivate the lock by pressing the Up and Down arrows simultaneously. Repeat these steps to reactivate the lock setting.</td>
</tr>
<tr>
<td><strong>NO</strong>&lt;br&gt;&lt;br&gt;<strong>CASSETTE</strong></td>
<td>This means that either there is no cassette installed or that the cassette was installed incorrectly when attempting to run pump or prime giving set</td>
<td>Turn dial to HOLD and insert cassette correctly and close pump door. Turn dial to RUN to start pump, or attempt to prime the giving set again.</td>
</tr>
<tr>
<td><strong>OCCL</strong>&lt;br&gt;&lt;br&gt;<strong>INTO PUMP</strong> or&lt;br&gt;&lt;br&gt;<strong>OCCL</strong>&lt;br&gt;&lt;br&gt;<strong>OUT OF PUMP</strong></td>
<td>Flow has stopped due to blockage between the feed container and the pump, or between the pump and the patient</td>
<td>Turn control dial to HOLD. Remove giving set from pump. Clear obstruction: check for kinked tubing or empty container. Reinstall giving set. If this alarm appears during priming, attempt to prime the set again, then connect the feeding adaptor to the enteral feeding tube. Turn dial to RUN to begin feeding.</td>
</tr>
<tr>
<td><strong>PUMP</strong>&lt;br&gt;&lt;br&gt;<strong>READY TO USE</strong></td>
<td>The battery charge has reached the minimum level to operate and the pump can now be used</td>
<td>Turn dial to any position to clear message. Confirm all settings are accurate. Turn dial to RUN to continue feeding.</td>
</tr>
<tr>
<td><strong>– HOLD MINUTES</strong></td>
<td>This display counts down the remaining time the pump will be on hold</td>
<td>Turn dial to HOLD. If desired, adjust the HOLD timer to any duration (in 1 minute intervals), between 1 to 90 minutes by using the Up and Down arrows.</td>
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If you have any problems setting up your FreeGo® pump and feed system, please telephone Abbott Nutrition on 1 800 22 11 66.
Backpacks are available for adults (S405) and children (S404) to carry the FreeGo® system.

Both backpacks will hold the 500ml RTH containers and 200ml bottles. The adult backpack will also hold the 1500ml and 1000ml RTH containers.
FreeGo® pump portable backpacks

Using the FreeGo® feeding system in the backpack

1. Set up your pump and giving set as normal. Then push the pump into the padded support in the backpack, making sure you haven’t caught the giving set tubing behind it.

2. Position your feed bottle in the backpack as indicated by the printed lines and secure in place with the Velcro straps and the looped elastic.

3. Secure the tubing using the Velcro and coil any excess tubing.

4. Fasten the zip allowing the tubing to move freely out of the bottom of the backpack.

5. Connect the giving set to the feeding tube. Open the lower pocket and set the pump to run.

6. The back panel can be positioned so the backpack will stand upright.

FreeGo giving sets (S665)
FreeGo NPSA giving sets (S675)
Table drip stand (S407)
AC adaptor (S414)
Standard pole clamp (S406)
Paediatric Backpack (S404)
Adult Backpack (S405)

Please contact your Healthcare Professional or call Abbott Nutrition on 1 800 22 11 66 if you need further information about portable backpacks.