

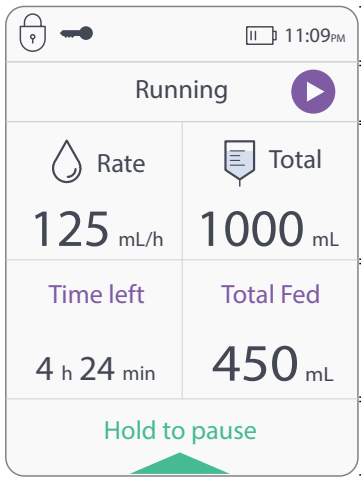


Enteral Feeding Pump Quick Reference Guide



Icon Explanations

Description of LCD screen icons and sections:



1. Notification header

«Lock rate and volume» mode is activated

The «Intermittent» mode is activated (not shown)

The keypad is locked (see section 4.3)

Indicates battery charge level

11:09PM Clock

2. Activity information

The text «Running» and the flashing «Play» symbol on the screen, plus the solid green LED light on the case (not shown in this illustration) indicate that feeding is in progress.

3. Upper part of the screen

Displays the parameters programmed for the feeding (flow rate and volume to be administered).

4. Lower part of the screen

Displays time left and volume administered.

5. Action option

To pause the feeding, press and hold the multifunction button [●] until the green progress bar fills entirely.

When pump is running, the following icons will be displayed:

Icons	Explanation
Rate	The flow rate: In mL/h, from 1 to 400 mL/h
Total	The volume programmed: Programmed in mL, from 1 to 9,999 mL
Total Fed	The volume administered: In mL, since the launch of the feeding
Time left	Time left: Time remaining before the end of feeding
	Flashing symbol: Indicates the pump is operating
	Battery symbol: Indicates the battery's charge level and/or charging status

Starting Up

1 Installation of the Tubing

Open pump cover. Place the silicone loop around the rotor and make sure the cassette is in the right direction.

Push the cassette in the middle of the pins with your thumb and make sure the cassette is well positioned between the two black pins.

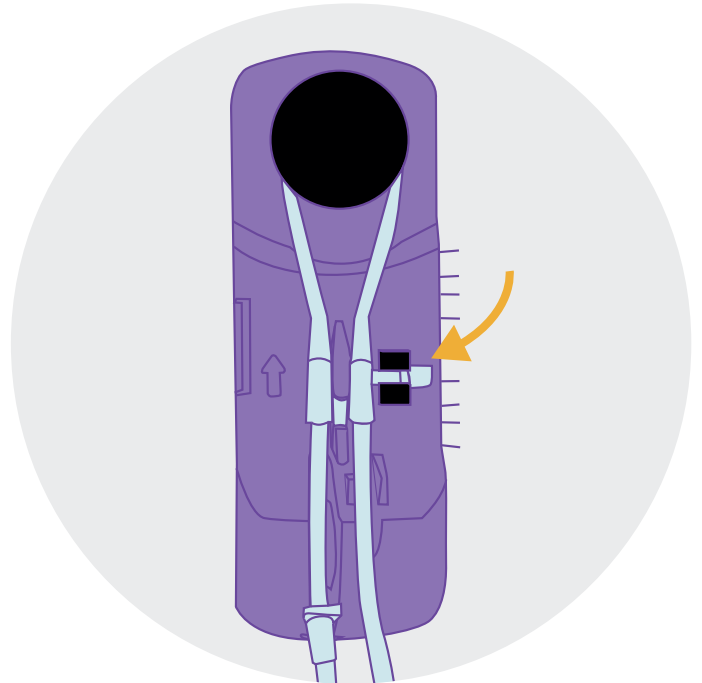
Guide both tubes down, in line with their respective slots.

Close the pump cover, then place the adapter into the designated slot.

Remove the protective cap from the distal connector (end of downstream tube that goes on the patient's feeding tube).

Launch automatic priming (see step 3).

Connect the tubing to the patient enteral feeding tube and program the pump.



2 Switching on the Pump

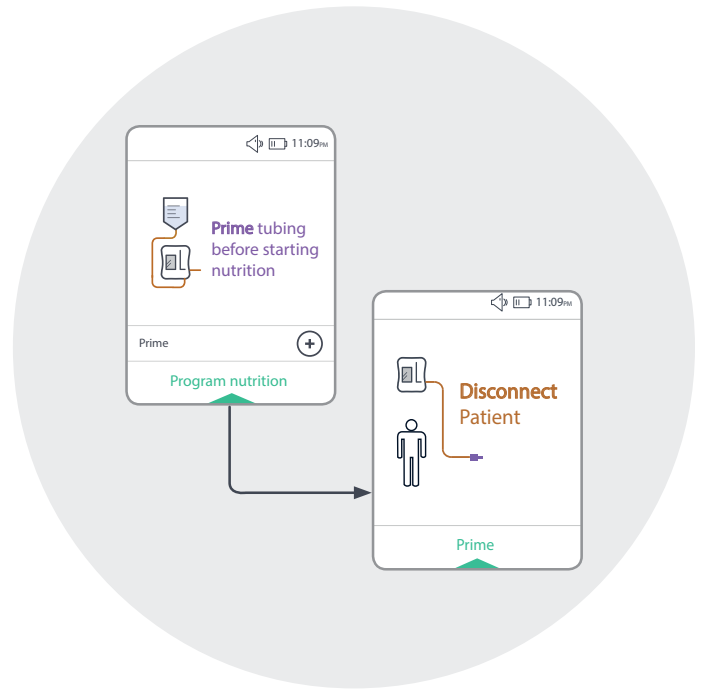
Turn on the PUGGLE™ pump by holding the on/off button [🔌] until a beep is heard.



3 Tubing Priming

2 steps to launch priming:

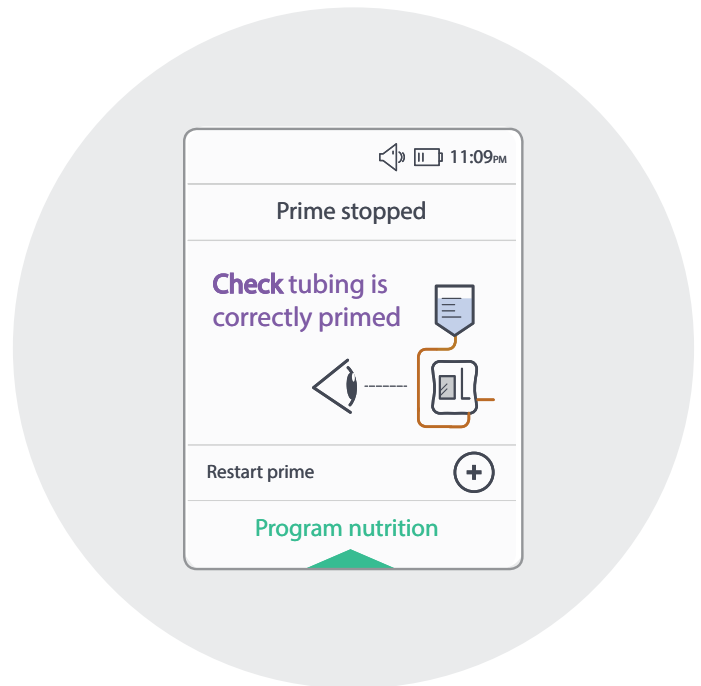
- Press **+**: Prime message appears.
- Press multifunction button **[●]**: Launch prime.



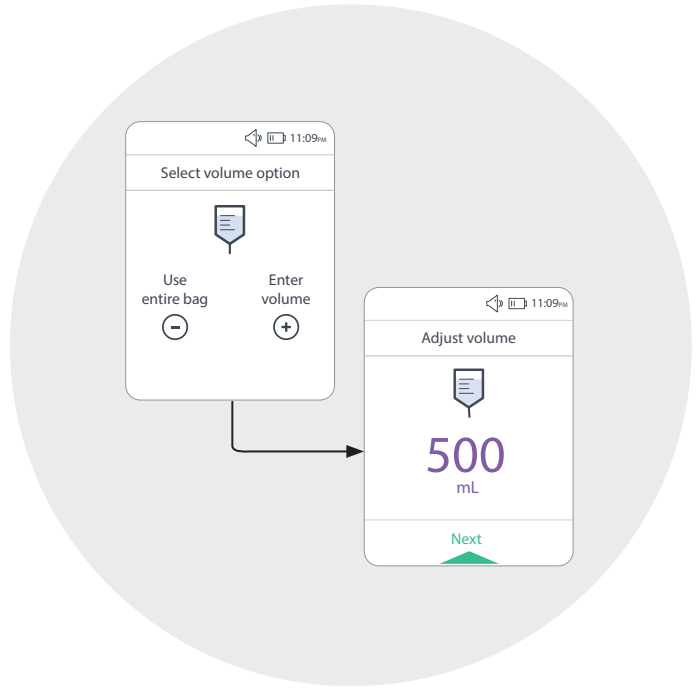
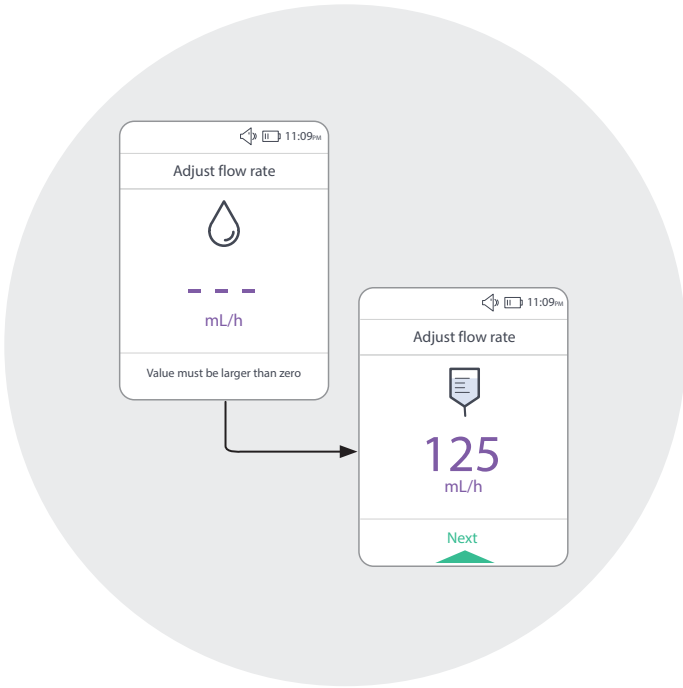
4 Priming Complete

After 1 min. 25 sec., priming is completed or after pressing the multifunction button **[●]**.

Restart prime by pressing **+** if needed.



Using the Pump



1

<<Simplified>> Mode

Press \ominus and \oplus to adjust flow rate from 1 to 400 mL/h, then press the multifunction button [●].

Press \ominus to use entire bag. Press \oplus to set the volume to be delivered. This value must be from 1 to 9,999 mL. Then press the multifunction button [●].



Review the feeding parameters (with or without a programmed volume). Then press the multifunction button [●].

Press the multifunction button [●] to start the feeding.

2

<<Pause>> Mode

The following parameters may be modified when the pause mode is activated in simplified mode:

-  The flow rate
-  The volume programmed

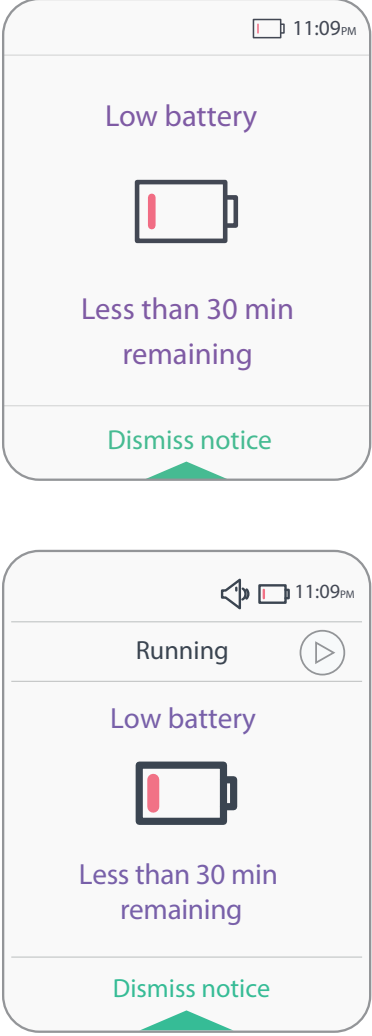
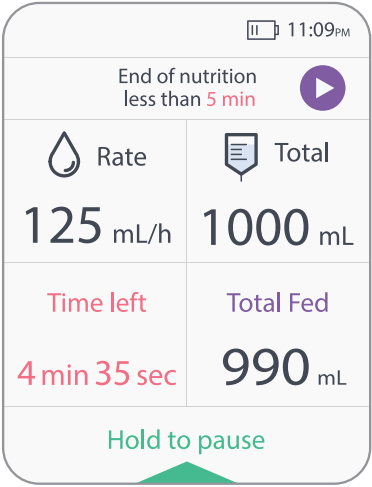
Press and hold the multifunction button [●] key for 3 seconds and the progress bar fills up (green bar at the bottom of the screen).

Press the \oplus button to access the flow rate screen.



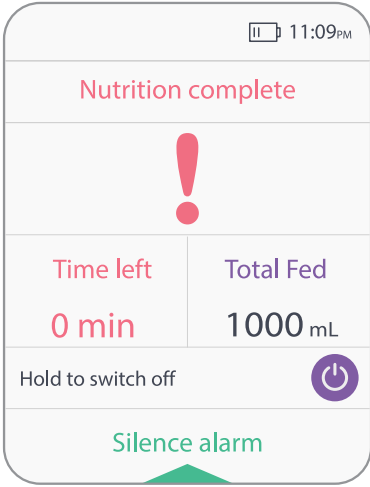
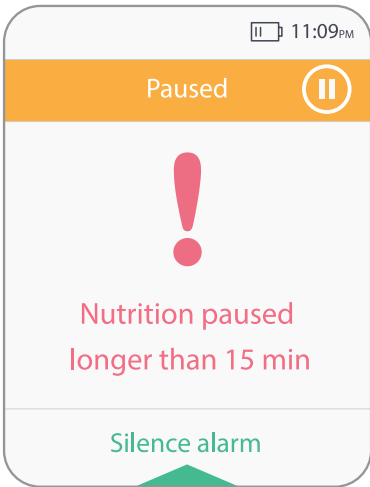

Alarms and Troubleshooting

Solid yellow LED - Low priority alert

Issue	Solution
	<p>Charge the battery by connecting the AC adapter to the pump and power source.</p>
	<ul style="list-style-type: none">- Wait until the end of the feeding, or;- Pause the pump to modify the feeding settings, or;- Switch the pump off

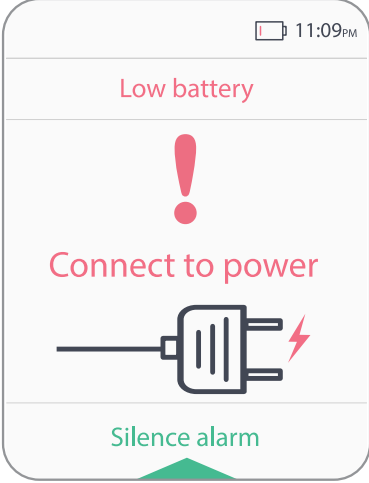
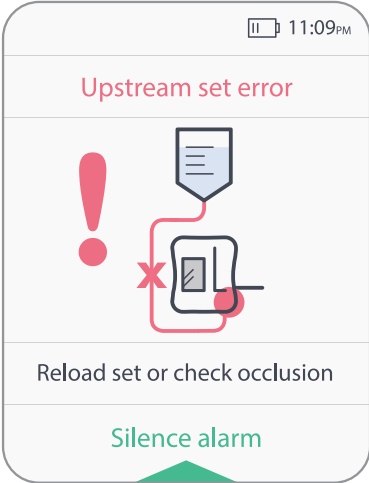
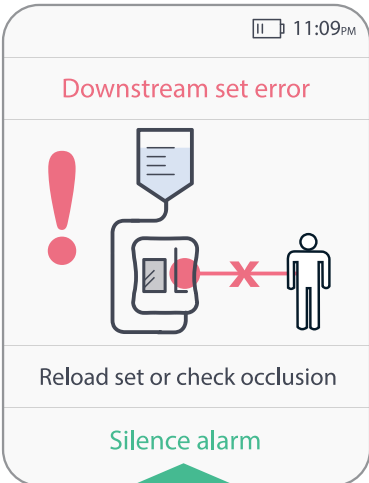
Alarms and Troubleshooting

Flashing yellow LED - Medium priority alarm

Issue	Solution
	<p>Switch the pump off or press the multifunction button [●] to program a new feeding.</p>
	<p>Relaunch pause or resume feeding.</p>
	<p>In case of an unexpected «Air» alarm, check that the tubing is properly positioned in its slot, disconnect from patient, then launch another automatic prime.</p>

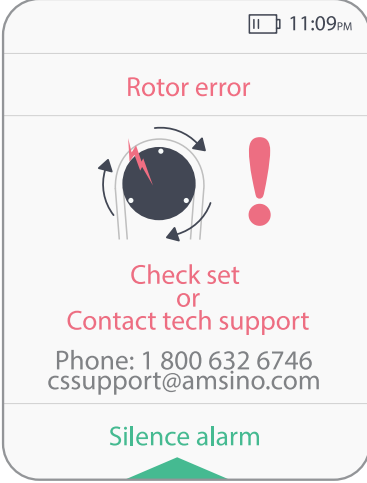
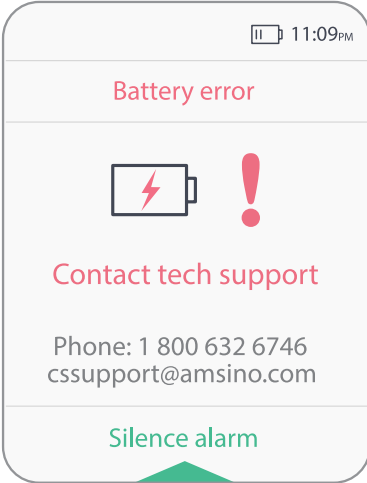
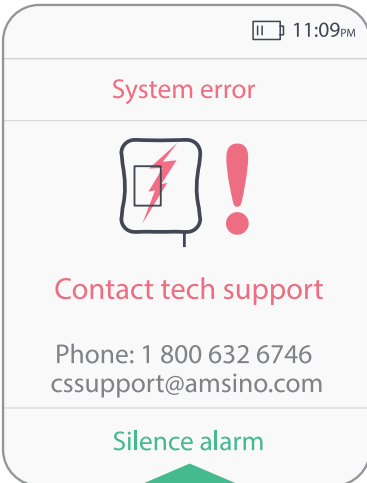
Alarms and Troubleshooting

Flashing red LED - High priority alarm

Issue	Solution
	<p>Charge the battery by connecting the AC adapter to the pump and power source.</p> <p>Note: After plugging into the power supply, the user has to restart the feeding by pressing the multifunction button [●].</p>
	<p>Release upstream occlusion.</p> <p>Make sure the tubing is positioned correctly.</p>
	<p>If there is an occlusion between the pump and the patient, release the occlusion and ensure that the branch of the cassette is empty.</p> <p>If alarm is not resolved, check that the cassette is positioned correctly between the two black pins and that there is no presence of feeding solution between the two black pins.</p> <p>If the alarm is still not resolved, replace the tubing.</p>

Alarms and Troubleshooting

Flashing red LED - High priority alarm

Issue	Solution
	<p>Contact customer service or your healthcare provider.</p>
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Alarms and Troubleshooting

Flashing red LED - High priority alarm

Issue	Solution
Power indicator light remains off.	Request a new AC adapter.

Other alarms

Issue	Solution
Continuous beeping sound.	Contact customer service or your healthcare provider.

Technical Information

Cleaning instructions:

- Before any cleaning operation, unplug the pump from power source.
- For general cleaning, use a solution of warm water and a mild dishwashing detergent.
- To remove all visible soil, wipe down the pump with a non-abrasive paper towel, sponge, or soft cloth moistened with the cleaning solution.
- To remove soil from hard to reach crevices, use a soft brush.
- It is recommended that the pump be cleaned to eliminate stains and soils after each tubing use or at least every day.
- A cleaning is also necessary when the pump is allocated to a new patient.

Battery:

Charging time: 2.5 hours

Autonomy: 20h at 125 ml/h

Memory:

Specific values and modes: 24h

For further information, please refer to the instructions for use.

Contact Amsino's customer service if you have additional questions:

Amsino International, Inc., Customer Service

708 Corporate Center Drive, Pomona, CA 91768

800.632.6746 • cssupport@amsino.com

The logo for AMSINO, featuring the word "AMSINO" in a bold, white, serif font, set against a dark blue rectangular background.

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