<table>
<thead>
<tr>
<th>Alert</th>
<th>Indications</th>
<th>Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cassette Loading Error</td>
<td>The cassette may not be properly loaded or has become dislodged.</td>
<td>Press the RUN/STOP key to acknowledge the condition and silence the audio alert. Clamp the tubing. Unload and reload the cassette. Open the slide clamp. Press the RUN/STOP key to return to the programming screen. Press the RUN/STOP key to resume.</td>
</tr>
<tr>
<td>System Error</td>
<td>The pumping mechanism may not work properly.</td>
<td>Press the RUN/STOP key to acknowledge the condition and silence the alert. Power off the pump. Take the pump out of service. Use a replacement pump if needed.</td>
</tr>
<tr>
<td>Firmware Error</td>
<td>The system fails to operate in a controlled fashion.</td>
<td>Press any key to acknowledge the alert. The pump will power off with any key press. Take the pump out of service. Use a replacement pump if needed.</td>
</tr>
<tr>
<td>Upstream Occlusion</td>
<td>A decrease in pressure is sensed in the supply line between the pump and IV bag.</td>
<td>Press the RUN/STOP key to acknowledge the condition and silence the audio alert (if present). Resolve the cause of the occlusion. When the occlusion is resolved the infusion will automatically resume.</td>
</tr>
<tr>
<td>Downstream Occlusion</td>
<td>An increase in pressure is sensed in the line between the pump and the patient</td>
<td>Press the RUN/STOP key to acknowledge the condition and silence the audio alert (if present). Resolve the cause of the occlusion such as a closed slide clamp, kinked tubing, or tape covering the air-eliminating filter vent. When the occlusion is resolved the infusion will automatically resume.</td>
</tr>
<tr>
<td>Pump Unattended</td>
<td>The pump is powered on but not infusing. It is standing by</td>
<td>Press the RUN/STOP key to acknowledge the condition and silence the audio alert. To resume the infusion highlight Current Rx then press ENTER. Press ENTER to Resume Infusion. Press the RUN/STOP key to review and press ENTER to confirm the RX restarting the infusion. Or press the ON/OFF key for 3 seconds to power off the pump.</td>
</tr>
<tr>
<td>Infusion Complete</td>
<td>The infusion is completed.</td>
<td>Press the RUN/STOP key to acknowledge the condition and silence the audio alert. Press the ON/OFF key for 3 seconds to power off the pump.</td>
</tr>
<tr>
<td>Invalid Infusion Parameter</td>
<td>An infusion parameter has been entered that exceeds the remaining pump life.</td>
<td>Press the RUN/STOP key to acknowledge the condition and silence the audio alert. The pump will return to the programming screen. Enter a valid infusion parameter value and start the infusion as applicable.</td>
</tr>
<tr>
<td>Battery Depleted</td>
<td>The infusion will continue for 30 minutes prior to shut-down.</td>
<td>Press the RUN/STOP key for 3 seconds to pause the infusion. Press the ON/OFF key for 3 seconds to power off pump. Replace the battery following the instructions provided in the user manual.</td>
</tr>
<tr>
<td>Max Vol Reached</td>
<td>The pump has reached a maximum volume per hour or volume per interval limit.</td>
<td>The pump will remain in standby mode until the new hour or interval is reached before resuming the infusion. To change a maximum volume limit value, hold the RUN/STOP key for 3 seconds to pause the Current Rx. Press the INFO key. Highlight Titration then press ENTER. Scroll down to highlight the desired parameter. Press ENTER to move into change mode. Unlock the prescription. Enter a new parameter value. Press ENTER to confirm. Press the RUN/STOP key to activate the change and resume the Current Rx.</td>
</tr>
</tbody>
</table>
**Enter a new prescription:**

Hold **OFF** for 3 seconds to power off the pump.

Highlight New Rx and press **Enter** to advance.

Unlock the pump.

Select Manual Program or Library mode

Press **Enter** to advance.

Use the UP key ▲ DOWN key ▼ and Enter key to select the appropriate category then protocol from the menu.

Press **Down** to review the Rx.

Press **Enter** to confirm the prescription, lock the keypad and begin the infusion. To alter a parameter value:

1. Press **i** to enter a manual review of the Rx.
2. Highlight the desired parameter. Press **ENTER**.
3. Set a new parameter value.
4. Press the ENTER key **OK** to confirm the change.
5. The pump will return to the previous screen.

Repeat these steps to change any other default values in the prescription.

Press **Down** then **Enter** to review and confirm the prescription then begin the infusion.

**Review Infusion history:** Press **i** to access the Infusion History menu.

**Titrate the Infusion:** Press the INFO **i** key.

- Press **Enter** to access the Titration menu to review the Current Rx.
- Press **Enter** to access the Shift Total menu to review and clear recent infusion history.

**Pause the Infusion:** Press and hold **Pause/Stop** for 3 seconds to pause the infusion.

**Resume the Infusion:** Press **Pause/Stop** then **Enter** to review and confirm the prescription then resume the infusion.

**Power off the Pump:**

- Hold **OFF** for 3 seconds to pause the infusion.
- Hold **OFF** for 3 seconds to power off the pump.

**Power back on and Resume the Infusion:**

- Hold **OFF** for 3 seconds to power on the pump.
- Highlight Current Rx then press **Enter**.
- Press **Pause/Stop** to Resume Infusion.
- Press **Pause/Stop** to review and press **Enter** to confirm the RX resuming the infusion.

**Troubleshoot an Alert:** Press **i** to silence the audible alert. Refer to the table provided in this guide or in Section 5 of the Clinician IFU for an explanation of the condition and steps for a resolution.

**Pack and Wear Pouch:**

1. Lay the IV bag flat in the carry pouch with the bag spike facing to the left.
2. Fold the spike and tubing back over the IV bag.
3. Place the pump inside the Velcro strap with the display screen showing through the clear window.
4. Route the downstream end of the tubing through the tubing outlet.
5. Zip the pouch closed.
6. Attach the carry strap and secure the pouch around the patient’s waist or over the patient’s shoulder.