Kangaroo | Enteral Feeding Pump

Reference Guide

KANGAROO ePump™
Enteral Feeding Pump

Quick Reference Guide

General Startup
1. Turn pump on - Press POWER button in lower right-hand corner.
2. Prepare and load pump set (see instructions on pump).
3. Use the keys on the left side of the LCD screen to choose the menu selections for programming all settings.
4. Press DONE or ENTER to enter data and return to a previous menu screen.

Priming
- Press PRIME to access the pump priming options.
- Press AUTO PRIME to automatically prime the pump set.
- Press the HOLD TO PRIME menu selections to manually control priming.

Program Continuous Mode
- Press ADJUST FEED and then choose the menu selections to program the Feed Rate and Feed YTD.

Program Intermittent Mode
1. Change to Intermittent feeding by pressing MORE and following the menu selections to choose between INTERMITTENT or CONTINUOUS mode.
2. Press ADJUST BOLUS and then enter the Bolus Rate, Number of Boluses, Volume per Bolus, and Bolus Interval by following the menu selections.

Program Flushing
- For Feed & Flush pump sets, press ADJUST FLUSH and then choose the menu selections to program the Flush Volume and Flush Interval.

Operations
- Turn pump off - Press and hold the POWER button.
- Hold mode - Press HOLD while pump is running to pause operation, adjust settings, etc.
- Clear all Settings - Press CLEAR SETTINGS immediately after pump is powered on.
- Clear Feeding Totals - While pump is running, press HOLD and then press CLEAR VOLUME.
- BioTech screen - After pressing the POWER button to turn on pump, press and hold the top button while the startup sequence executes (kangaroo jumps across screen).
- Lock Program Settings - From BioTech screen, press LOCK SETTINGS to toggle on check mark.
- Review Feeding History - Press MORE and then press HISTORY.

Additional Operations
- For additional operations or information, see the KANGAROO ePump enteral feeding pump Operation and Service Manual.
- see back for error and informational conditions.
## Pump Troubleshooting

### Menu Selections

- **Programming & Menu Selections Buttons**

### Status Line

- **Status LEDs**
  - Red = Error
  - Yellow = Hold/Pause
  - Green = Normal Operation

### Power Button

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<table>
<thead>
<tr>
<th>Symptom</th>
<th>Probable Cause</th>
<th>Corrections</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hold Error</td>
<td>Pump in <strong>HOLDING</strong> mode for more than 10 minutes.</td>
<td>Press ▶ <strong>CONTINUE</strong> to return to <strong>HOLDING</strong> screen, or press and hold the Power button to turn off. Several options are available from the <strong>HOLDING</strong> screen, such as <strong>RUN</strong> or <strong>ADJUST SETTINGS</strong>.</td>
</tr>
<tr>
<td>Flow Error</td>
<td>Occlusion in pump–patient line.</td>
<td>Check for and correct the occlusion in the line between pump and patient. Replace Pump Set if error cannot be resolved.</td>
</tr>
<tr>
<td>Feed Error</td>
<td>Empty bag or occlusion in bag–pump line.</td>
<td>Check for empty bag and refill, or check for and correct the occlusion in the line between the pump and feed bag. Replace Pump Set if error cannot be resolved.</td>
</tr>
<tr>
<td>Flush Error</td>
<td>Empty bag or occlusion in flush line.</td>
<td>Check for empty bag and refill, or check for and correct the occlusion in the line between the pump and flush bag. Replace Pump Set if error cannot be resolved.</td>
</tr>
<tr>
<td>Pump Set Use &gt; 24 Hrs</td>
<td>Pump Set in use beyond recommended length of time.</td>
<td>Informational warning message blinks on upper left of screen. It is recommended that the Pump Set be replaced.</td>
</tr>
<tr>
<td>Pump Set Dislodged</td>
<td>Pump Set not properly loaded to pump.</td>
<td>Check black ring retainer (MISTIC) and valve; reload Pump Set and restart pump to continue. Replace Pump Set if error cannot be resolved.</td>
</tr>
<tr>
<td>Battery Low</td>
<td>Battery charge too low.</td>
<td>Immediately plug pump into A/C outlet to recharge battery and to provide power for pump.</td>
</tr>
<tr>
<td>Rotor Error</td>
<td>Pump Set tubing not properly loaded on rotor, or some other unusual rotor operating condition.</td>
<td>Check that the tubing is loaded on the rotor and that it is not damaged, torn, etc. Reload tubing or replace Pump Set.</td>
</tr>
<tr>
<td>System Error</td>
<td>General error caused by many factors. See Manual for error list.</td>
<td>Power down pump and attempt restart to clear error. Call customer service with screen code if error cannot be resolved.</td>
</tr>
</tbody>
</table>