

## Infinity Pump

\*This guide is adapted from the official Infinity Enteral Feeding Pump user manual provided by Moog. For complete safety warning and technical details, please refer to the original manufacturer's documentation.\*

### PUMP KEYPAD OVERVIEW

- **ON/OFF:** Hold for 1-2 seconds to power on and off.
- **PRIME:** Hold to push air out of the tube prior to connecting to patient. Simply let go when done.
- **RUN/PAUSE:** Press RUN to start feeding and PAUSE to stop at any time. To pick up where you left off, simply press RUN again.
- **FEED INT:** Press to display programmed feed interval settings.
- **VOL/TOTAL:** Press once to show volume delivered during the current feeding. Press again to see total volume delivered since it was last cleared.
- **RATE/DOSE:** Press to switch between rate and dose settings. Remember RATE: speed of formula delivery and DOSE: total to be fed.
- **CLEAR:** Press to reset whatever function is displayed to its minimum value. Press and hold for 3 seconds to clear rate, dose, feed interval, and volume delivered all at once.
- **PLUS:** Press to increase the displayed feed function. Press and hold to increase rapidly.
- **MINUS:** Press to decrease the displayed feed function. Press and hold to decrease rapidly.

## Infinity Pump

### STEPS FOR FEEDING SETUP

#### 1 GATHER SUPPLIES

We'll provide you with all necessary supplies including:

- IV Pole
- Pump Charger
- IV Pole Attachment
- Infinity Feeding Set
- Infinity Pump
- Formula

#### 2 PREPARE FOR FEEDING

- Wash your hands with soap and water, clean your workspace, and wipe top of formula container (if liquid) prior to opening.



## 3 PUMP SETUP

1. Attach the pump to the IV pole by placing the attachment around the pole. To secure, turn the black knob until it feels tightened. Be careful not to over-tighten.
2. Connect the pump to the attachment by inserting the small clamp screw into the opening on the back of the pump. Turn the grey wheel until it feels tightened. Be careful not to over-tighten.
3. Connect the charger by plugging into the wall and pushing the flat end into the left side of the pump until you hear a click. A plug display will appear on the screen as well as four bars from E to F. This shows the pump's battery level.

## 4 PREPARE THE DELIVERY SET

1. Hold the bag upright so that the funnel opening is horizontal. Slowly pour the formula into the bag. Doing so slowly helps the formula flow easily into the bag.
2. Close the cap by lining up the four notches on the cap to the opening of the funnel, and twist it one quarter turn to secure.
3. Hang the formula on the IV pole at least 10 inches above the pump.

## 5 PRIME THE DELIVERY SET

Priming is essential to remove the air from the tube prior to connecting to the patient. The easiest way to prime is by using the hold to prime feature.

1. Remove the protective cap from the end of the delivery set, and make sure that the connection **has not** been made to the patient.
2. Press the ON/OFF button for 1 to 2 seconds to turn the pump on.
3. Open the door by pinching the tab and pulling up gently. Place the cassette in the door by pulling the tubing around the black wheel on the left side. Once secure around the wheel, pull the cassette to the right to secure until you hear a click. Then, close the door.
4. Press and hold the PRIME button. The alarm will sound once, and the pump will prime the set for as long as the button is pressed. The display will read "TO STOP LET GO".
5. Once you see the formula travel through the tube and reach the end, you can let go of the button. Priming is complete.

## 6 PROGRAM THE PUMP

Once the delivery set is prepared, primed, and hung, you can start to program the pump.

1. Set the RATE by pressing the RATE/DOSE button to display "RATE" in the bottom left corner of the screen. Use the + and - buttons to program the desired rate.
2. Set the DOSE by pressing the RATE/DOSE button to display "DOSE" in the bottom left corner of the screen. Use the + and - buttons to program the desired dose.
3. To program a rate-only feeding, repeat step 2 and when on step 3, hold the + button until INF is displayed.
4. For interval feeding, press the RATE/DOSE button to display "DOSE" on the screen. Use the + and - buttons to program the dose. Press the FEED INT button to display "FEED INTERVAL" on the screen. Program the desired number of hours and minutes using the + and - buttons.

## 7 CLEANING THE PUMP

**WARNING:** Never clean pump or Infinity AC Adapter/Charger with charger plugged into an outlet or with the pump turned on.

**WARNING:** Make sure the Infinity AC Adapter/ Charger is completely dry before plugging into an electrical outlet.

- You may clean the pump by rinsing under a stream of warm water. Standard dish soap and a non-abrasive sponge or cloth can also be used for deeper cleaning.
- Use a cotton swab to clean the pathways around where the cassette is placed into the pump.

**For More Information & Demonstration Videos, Visit:**  
**[moogmedical.com/enteral/](http://moogmedical.com/enteral/)**

## Kangaroo OMNI

\*This guide is adapted from the official Kangaroo Omni Enteral Feeding Pump User Manual provided by Cardinal Health. For complete safety warning and technical details, please refer to the original manufacturer's documentation.\*

### PUMP KEYPAD OVERVIEW

- **Power:** Hold for 3 seconds to power on and off.
- **Keep Settings:** Select to keep old feed parameters.
- **Clear Settings:** Select to enter new feed parameters.
- **More Options:** Displays settings including Clear Total Volumes, View History, Intermittent Mode, Feed Complete Audio, Adjust Audio Volume, and Adjust Brightness.
- **Adjust Rate:** To set the feeding rate.
- **Adjust Flush:** To set the flush volume.
- **Skip Prime:** To skip if the feeding set is already primed.
- **Prime:** To remove the air from the tubing prior to connecting to the patient.
- **Up Arrow:** Navigation to scroll through features.
- **Down Arrow:** Navigation to scroll through features.
- **Select:** To activate the highlighted feature.

## OMNI Kangaroo

### STEPS FOR FEEDING SETUP

#### 1 GATHER SUPPLIES

We'll provide you with all necessary supplies including:

- IV Pole
- Pump Charger
- IV Pole Attachment
- OMNI Feeding Set
- OMNI Pump
- Formula

#### 2 PREPARE FOR FEEDING

- Wash your hands with soap and water, clean your workspace, and wipe top of formula container (if liquid) prior to opening.



### 3 PUMP SETUP

1. Secure the IV pole attachment to the pump by using the screw provided to attach the pole clamp to the back of the pump by tightening into place.
2. Attach the pump and IV pole attachment to the IV pole by placing the inside elbow clamp against the IV pole. Tighten the purple knob until feels secure and pump will not slide down.
3. Plug in the pump charger to a nearby wall outlet and the adapter into the back of the pump. Push it in until it feels secure to ensure proper connection. Once the pump is connected to a power source, a power indicator light on the bottom right of the pump will turn green to ensure the pump is receiving power. It is recommended to charge for 12 hours prior to first use.

### 4 PREPARE THE DELIVERY SET

1. Press the power button to turn on the pump. The first time it is powered on, you will be able to select your preferred language by pressing the buttons on the left side to correspond with the selection on the screen.
2. Once you see the **"LOAD SET"** screen, follow the animated instructions shown to load the cassette onto the pump. The cassette attaches by inserting from the bottom and snapping into place. The pump will sense a set has been loaded and display a message stating **"SET LOADED"** with a green checkmark and **"Feeding Set Detected"**.
  - a. Note the different colors of the cassettes based on feeding modes. The pump will automatically detect which set has been loaded and will not require any additional setup steps to accommodate for various feeding sets. Ex: green is a thick feeding set, blue is a feeding set with flush bag, and clear is a standard feeding set.

## 5 PRIME THE DELIVERY SET

Priming is essential to remove the air from the tube **prior to connecting** to the patient.

1. Before beginning, make sure the patient is **not** connected to the pump when priming occurs.
2. Pour the pre-measured formula into the feeding bag and tighten the top to close. Hang the bag onto the IV Pole or secure in backpack. Ensure the highest level of enteral fluids is 10 inches above the top of the feeding pump.
3. Select **Prime** then select either "**Auto Prime**" or "**Manual Prime**".
  - a. If you choose to auto prime, select "**Auto Prime**" once. The screen will display a progress bar of the priming process. Wait for the pump to finish priming.
  - b. If you choose to manual prime, select "**Manual Prime**". Then, press and hold **Prime Feed** until the formula reaches the end of the tubing. Once it has, press "**Done**".

## 6 PROGRAM THE PUMP

Once the delivery set is prepared, primed, and hung, you can start to program the pump. After prime is completed, the **Ready to Feed** screen will appear.

### Continuous Feeds:

1. Press the **Adjust Rate** button to set the continuous feeding rate.
2. Press the + and - buttons to increase or decrease the rate
  - a. Note: Press and hold either button to accelerate the numbers.
3. Press the **OK** button when desired rate has been selected.

**Intermittent Feeds:**

1. If the **Ready to Feed** screen has the **Adjust Rate** button on the top left of the screen, **Intermittent Mode** will need to be enabled.
  - a. To enable Intermittent Mode, press the **More Options** button on the **Ready to Feed** screen.
  - b. Press the down arrow button until **Intermittent Mode** is highlighted.
  - c. Press the **Select** button. "On" or "Off" will be displayed to indicate the present Intermittent Mode state.
  - d. Press the **Done** button to return to the **Ready to Feed** screen. The **Adjust Feed** button will now appear and feed settings can be adjusted.
2. Once Intermittent Mode is turned on, press the **Adjust Feed** button to configure the feed settings.
3. Press the **Adjust # Feeds** button.
4. Press the + and - buttons to set the number of feeds to be delivered.
5. Press **OK** to save the settings and return to the Adjust Feed screen.
6. Press the **Adjust Volume** button to set the feed volume.
7. Press the + and - buttons to set the volume of feed to be delivered.
8. Press **OK** to save the settings and return to the **Adjust Feed** screen.
9. Press the **Adjust Interval** button to set the feed interval.
  - a. Note: the **Adjust Interval** button will only appear if the # of Feeds is set to a number greater than 1.
10. Press the + and - buttons to set the interval of feeds to be delivered.
11. Press **OK** to save the settings and return to the **Adjust Feed** screen.
12. Press **Done** to return to the **Ready to Feed** screen.



## Adjusting Flush:

1. Press the **Adjust Flush** button from the **Ready to Feed** screen.
2. Press the **Adjust Volume** button.
3. Press the + and - buttons to input the desired flush volume.
4. Press the **OK** button to confirm the flush volume and return to the **Adjust Flush** screen.
5. Press the **Adjust Interval** button.
6. Press the + and - buttons to input the desired time interval.
7. Press the **OK** button to confirm the time interval and return to the **Adjust Flush** screen.
8. Press the **Done** button to confirm the time interval and return to the **Ready to Feed** Screen.

## 7 START FEEDING

1. Press the **Start** button to begin feeding.
  - a. Note: Start button will only appear when all feed or all flush parameters have been entered.
2. To change the rate or feed settings once a feeding has started, press the **Stop** button.
  - a. Note: A green screen with a moving droplet means the feeding is in progress.
3. Press the **Timed Pause** button to temporarily pause the feeding. The pump will pause for 5 minutes by default.
  - a. To adjust pause time, press the **Adjust Duration** button.
  - b. Press the + and - buttons to select the new duration.
  - c. Press the **OK** button to confirm pause time. The **Timed Paused** screen will show a time countdown until the pause duration is complete.
  - d. Press the **Resume** button to end the Timed Pause early and immediately resume feeding.
4. Once the feed is complete, the **FEED COMPLETE** screen appears. The pump will blink green to indicate the end of a feeding.
5. To clear the notification, press **Done**.
6. Press and hold the **Power** button for 3 seconds to turn off the pump.
7. Remove the feeding set.



## 8 CLEANING THE PUMP

**CAUTION:** The feeding pump and power adapters are NOT designed to be immersed underwater. Do not immerse the pump or power adapters in water or other cleaning solutions.

**CAUTION:** Disconnect the pump from A/C power source before cleaning. After cleaning, do not connect to a power source until thoroughly dry.

**CAUTION:** The use of cleaners and disinfectants other than the ones described may cause significant damage to the pump.

- Cleaning should be performed as needed.
- A mild, common dish washing liquid detergent should be used for general cleaning. Use with a 20:1 ratio water to detergent mixture.
- If visible soil is present, wipe down the pump with a paper towel moistened with the cleaning solution until removed.
- For hard to reach areas, you can wash under running water, but avoid submerging or washing with high pressure.
- To clean the **rotor**, use a cotton swab to clean the sensors and the pathway where the cassette is placed.
- To **disinfect**, wet the pump surfaces with 70% isopropyl alcohol. Use at least two 70% isopropyl alcohol wipes and wipe as necessary.

**For More Information Visit:**

**[cardinalhealth.com/en/product-solutions/medical/enteral-feeding.html](http://cardinalhealth.com/en/product-solutions/medical/enteral-feeding.html)**