Kangaroo™ Connect Enteral Feeding Pump
Quick Start Directions for Use
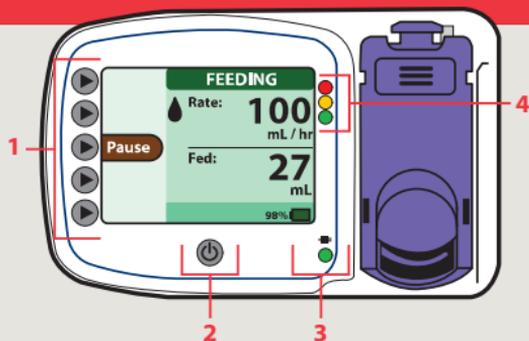
Pump Overview

1. SOFT KEYS
Press a key to select the option that appears next to it on the screen.

2. POWER BUTTON
Press once to power on. Press and hold to power off.

3. POWER SOURCE
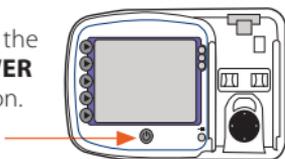A green light shines when the pump is connected to AC power.

FEEDING
Rate: **100** mL / hr
Pause
Fed: **27** mL
98%

4. PUMP STATUS
● = Warning Alarm
● = Notice or Caution Alarm
● = Standby or Feeding

Pump Set Loading and Priming Procedure

1. Press the **POWER** button.

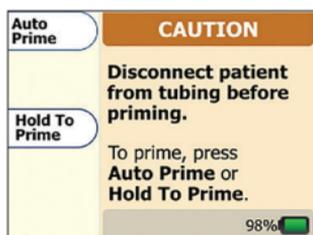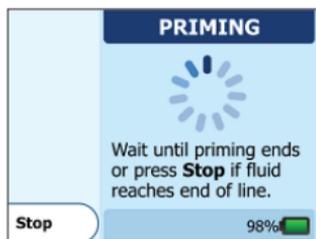**2. LOAD SET** (insert from the bottom and snap into place).

3. Select **PRIME**.

Adjust Rate
SET LOADED ✓
Feeding Cassette detected.
To continue, press Prime.
More Options
Prime
98%

CardinalHealth™
Kangaroo®

Prime the Pump

1. Select **PRIMING** mode.

Auto Prime	**CAUTION**
Hold To Prime	**Disconnect patient from tubing before priming.** To prime, press **Auto Prime** or **Hold To Prime**. 98%

2. If you selected **AUTO PRIME**: Wait for pump to finish priming.

	PRIMING
	Wait until priming ends or press **Stop** if fluid reaches end of line.
Stop	98%

3. If you selected **HOLD TO PRIME**: Press and hold **PRIME FEDD** until fluid reaches end of tubing.

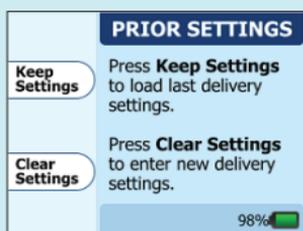|	**HOLD TO PRIME**
Hold To Prime	Press **Hold To Prime** until fluid has reached end of tubing. When priming is complete, press **Done**.
Done	98%

Ensure the Correct Fluid Level

Make sure the top of the fluid column is placed at 25.4cm above the top of the pump.

25.4 cm

Start Feeding

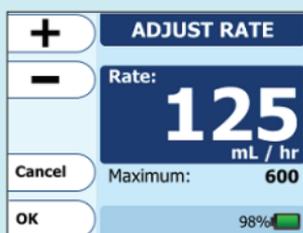**1.** Select **CLEAR SETTINGS**.

	PRIOR SETTINGS
Keep Settings	Press **Keep Settings** to load last delivery settings.
Clear Settings	Press **Clear Settings** to enter new delivery settings.
	98%

2. Use the Plus (+) and minus (-) buttons to enter the rate, then select **OK**.

+	**ADJUST RATE**
−	Rate: **125** mL / hr
Cancel	Maximum: 600
OK	98%

3. When ready to begin feeding, select **START**.

Adjust Rate	**READY TO FEED**
More Options	Rate: **125** mL / hr Total Fed: **0** mL
Start	98%

4. To suspend the feeding, select **PAUSE**.

	FEEDING
Lock Screen	Rate: **125** mL / hr Total Fed: **13** mL
Pause	98%

5. To resume feeding, select **CONTINUE**.

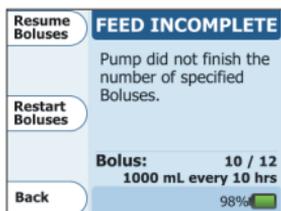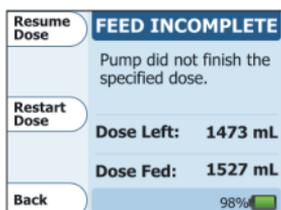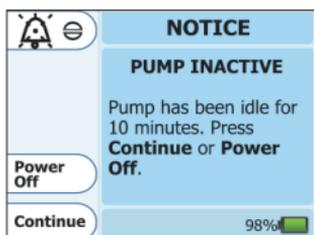| Adjust Rate	**PAUSED**
More Options	Rate: **125** mL / hr Total Fed: **27** mL
Continue	98%

Alarms and Troubleshooting

1. The **FEED COMPLETE** screen will appear if a Dose or Bolus feeding meets the specified amount. Press Done to clear the notification.

```
FEED COMPLETE
✓
Dose Fed:
3000
mL
Done                    98%
```

```
FEED COMPLETE
✓
Boluses Fed:
10
Done                    98%
```
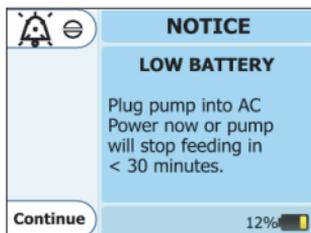
2. The **FEED INCOMPLETE** screen will appear if a Dose or Bolus feeding is interrupted prior to completion of the allocated amount. Press Resume Dose or Resume Boluses to continue feeding from the current pump state. Press Restart Bolus or Restart Dose if you are beginning a new, full feeding regimen.

```
Resume    FEED INCOMPLETE
Dose
          Pump did not finish the
          specified dose.
Restart
Dose      Dose Left:   1473 mL
Back      Dose Fed:    1527 mL
                          98%
```

```
Resume    FEED INCOMPLETE
Boluses
          Pump did not finish the
          number of specified
Restart   Boluses.
Boluses
          Bolus:        10 / 12
Back              1000 mL every 10 hrs
                          98%
```
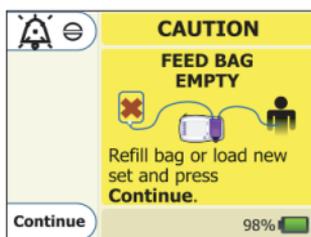
3. The **PUMP INACTIVE** error screen will appear if the pump has been without input for more than 10 minutes. Press Continue to return to the previous screen.

```
          NOTICE
          PUMP INACTIVE
          Pump has been idle for
          10 minutes. Press
Power     Continue or Power
Off       Off.
Continue                  98%
```
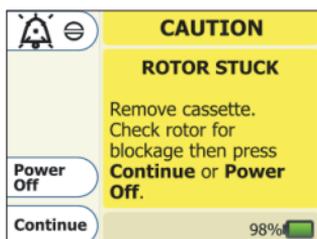
4. The **LOW BATTERY** screen appears and the alarm beeps continuously when the battery needs to be recharged. There is approx. 30 minutes of battery life remaining when this screen appears. Plug the power adaptor into a wall outlet to begin charging.

```
          NOTICE
          LOW BATTERY
          Plug pump into AC
          Power now or pump
          will stop feeding in
          < 30 minutes.
Continue                  12%
```

5. The **FEED BAG EMPTY** screen appears when the enteral formula is no longer being delivered because the bag is empty. Check the bag to see if it is empty and re-fill the bag as required.

```
          CAUTION
          FEED BAG
          EMPTY
          Refill bag or load new
          set and press
          Continue.
Continue                  98%
```
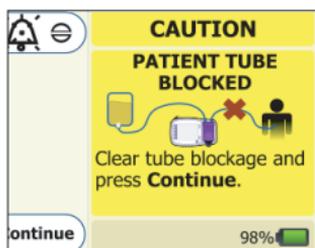
6. The **ROTOR STUCK** error screen appears when the pump detects an unusual amount of resistance to the rotation of the rotor. Clean the rotor and rotar shaft.
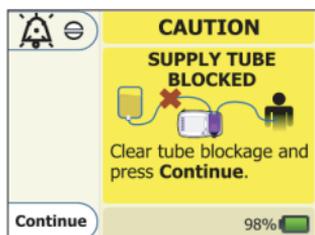
```
          CAUTION
          ROTOR STUCK
          Remove cassette.
          Check rotor for
Power     blockage then press
Off       Continue or Power
          Off.
Continue                  98%
```
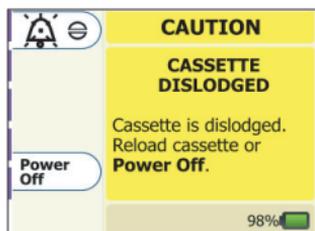
Alarms and Troubleshooting cont.

7. The **PATIENT TUBE BLOCKED** error screen appears when the feeding solution is no longer being delivered because of a clog between the pump and the patient. If the error cannot be resolved, remove the cassette from the pump. Check the line to find and clear the blockage.
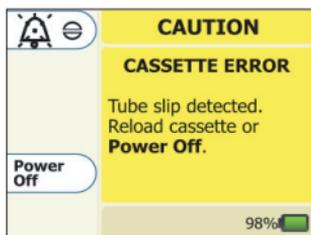

8. The **SUPPLY TUBE BLOCKED** screen will appear if there is a blockage, obstruction or kinked tubing between the feeding bag and the pump. Check the tubing between the bag and the pump to see if the cause of the blockage can be located and cleared.
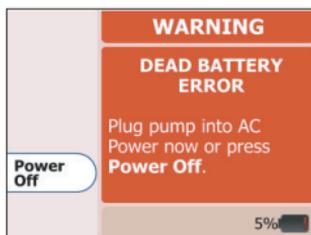

9. The **CASSETTE DISLODGED** screen will appear if the magnet in the cassette is not properly loaded in the pump set loading area. Reload the cassette to ensure the correct positioning of the cassette on the pump.

10. The **CASSETTE ERROR** screen appears during Feeding or Prining when the pump has detected an unusual operating condition with the rotor. Check that the pump set is not damaged and re-load the cassette. Press **CONTINUE** to Start.

11. If the Low Battery screen has been displayed for some time without a response, the pump will switch to a **DEAD BATTERY ERROR** alarm status. Plug the pump into a wall outlet.

CardinalHealth™
Kangaroo