

CADD-PLUS 5400

Lock Level 0 (LL0) allows programming of the pump's functions.

Lock Level 1 (LL1) in the Continuous mode, the patient may prime the tubing and reset the RES VOL to the original programmed value. In the Intermittent mode, the patient may program the DELAY START function, prime the tubing and reset the RES VOL to the original programmed value.

Lock Level 2 (LL2) allows the patient to start and stop the pump and clear the RES VOL alarm only.

To review or change the pumps programming press the SELECT/MODE button to scroll through each programmed value. After changing any value in the pump you must press SET/CLEAR to save the information.

To Prime the pump it must be stopped and in lock level 1 or 0. You cannot prime in Lock Level 2. Hold PRIME until 3 P's appear on the screen. Release PRIME and press PRIME again to begin priming. Release the PRIME button once all air has been removed from the tubing.

To Start press STOP/START until 3 dashes disappear one by one (hold button for 3 seconds). Release STOP/START and the pump will automatically display the program review before starting.

To Stop press STOP/START until 3 dashes appear one by one (hold button for 3 seconds). Release STOP/START. Stop will be flashing in the lower left corner.

To change a cassette or container press STOP/START. Make sure stop is flashing in the lower left corner. Clamp the patient line and the pump line.

Disconnect the old cassette or container from the patient.

Using the CADD key; unlock the cassette; remove the old cassette; put on a new cassette; and lock.

Change the battery (insert the bottom of the battery first).

Press SELECT MODE until RES VOL appears on the upper left corner.

Press SET/CLEAR (return RES VOL to the original programmed amount, ***DO NOT*** forget this step).

Remove **red cap** from new cassette and ensure line is Primed.

Connect new cassette to patient and unclamp all lines. Press START/STOP to begin infusion.

To reset the CYCLE GIVEN in the Intermittent Mode press SELECT/MODE until ML appears on the lower right corner. Press SET/CLEAR and the CYCLE GIVEN will be reset to 0:00.

The Continuous Delivery Mode permits a steady infusion rate. In this mode you can program the pump to deliver medication at a constant rate in milliliters per hour. The reservoir-residual volume (RES VOL) refers to the initial amount of medication, contained in the fluid container, that you wish to deliver. The delivery rate (ML/HR) is the constant rate at which the pump delivers medication. The amount given (GIVEN) refers to the number of milliliters that have been delivered since the GIVEN was last cleared.

The Intermittent Delivery Mode permits the infusion of a prescribed volume of drug (ML) over a specified time period (PERIOD). You can repeat that program in a cycle of up to 24 hours (CYCLE). When you are not infusing a drug dose, the pump can be programmed for a Keep Vein Open (KVO) function. The pump will deliver a minimal amount of drug to maintain catheter patency. You may also program the pump for a delay (DELAY START) before starting the infusion.

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To change between Continuous Delivery Mode and The Intermittent Delivery Mode the pump must first be unlocked. Ensure the pump is stopped and remove and reinstall the battery in the back of the pump. You will be prompted with either a C (for Continuous Mode) or an I (for Intermittent Mode). Use the SELECT/MODE button to change to the desired therapy type and press SET/CLEAR to select.

Alarms:

If the pump alarms and the remaining ML value is at 3ml or less the pump will notify you the fluid container is almost empty by sounding a 3 second, 6 second and 9 second alarm at the values of 3ml, 2ml and 1ml respectively.

If the pump alarms and HI P appears on the screen the pump has detected high pressure caused by an obstruction in the fluid path between the pump and the tip of the access device. Ensure the tubing is not clamped, kinked, or twisted. Improper placement of an administration set can result in a high pressure (HI P) alarm during infusing or dosing.

If the pump alarms and LO BAT appears on the screen the battery needs to be replaced as soon as possible.

If the pump alarms and the letter E and two numbers appear on the display the pump has detected a fault and will cease to function. This pump will need to be returned to undergo maintenance. Contact Oso Home Care as soon as possible to receive a replacement pump.

Misc Information:

- The pump does not have an air-in-line alarm, and air entrapment mechanism, or an upstream occlusion detector mechanism.
- The pump does not measure the volume of drug remaining in the fluid container. The number displayed in the RES VOL is calculated by subtracting the current ml of drug given from the initial value programmed for the RES VOL. RES VOL refers to the amount of drug programmed and the calculated amount of drug remaining in the fluid container.
- As soon as you install the battery the pump will be on; there is no On/Off switch.
- The battery's life is dependent on the amount of medication delivery and the temperature. At the rate of one 50 ml medication cassette per day, a battery will usually last about seven days. The battery's power will be quickly depleted at temperatures below +10°C (50°F).
- Do not store the pump at temperatures below -40°C (-40°F) or above 55°C (131°F).
- Do not operate the pump at temperatures below +2°C (35°F) or above 40°C (104°F).
- Do not store the pump for prolonged periods with a battery; the battery could leak and damage the pump.
- The pump is water resistant. However, total immersion is not recommended because moisture build-up within the case may damage the parts. Do not use in the shower, sauna or steam bath.
- A red cap signifies to you that the line has been primed by the pharmacy.
- All pumps are pre-programmed and double checked for accuracy by an Oso Home Care pharmacist.