



Safe, sleek & simple infusion for superior analgesia

Quick Reference Guide for Clinicians

Nimbus™ II PainPRO Ambulatory Infusion Pump



This guide is intended to function as a limited quick reference only after reading the entire **Clinician IFU Manual**. This guide is not intended for patient use.

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



Alert	Indications
Cassette Loading Error	The cassette may not be properly loaded or has become dislodged.
System Error	The pumping mechanism may not work properly.
Firmware Error	The system fails to operate in a controlled fashion.
Upstream Occlusion	A decrease in pressure is sensed in the supply line between the pump and IV bag.
Downstream Occlusion	An increase in pressure is sensed in the line between the pump and the patient
Pump Unattended	The pump is powered on but not infusing. It is standing by
Infusion Complete	The infusion is completed.
Invalid Infusion Parameter	An infusion parameter has been entered that exceeds the remaining pump life.
Battery Depleted	The infusion will continue for 30 minutes prior to shut-down.
Max Vol Reached Pump Standby	The pump has reached a maximum volume per hour or volume per interval limit.

Responses
<p>Press the RUN/STOP key to acknowledge the condition and silence the audio alert.</p> <p>Clamp the tubing. Unload and reload the cassette. Open the slide clamp.</p> <p>Press the RUN/STOP key to return to the programming screen.</p> <p>Press the RUN/STOP key to resume.</p>
<p>Press the RUN/STOP key to acknowledge the condition and silence the alert. Power off the pump.</p> <p>Take the pump out of service. Use a replacement pump if needed.</p>
<p>Press any key to acknowledge the alert. The pump will power off with any key press.</p> <p>Take the pump out of service. Use a replacement pump if needed.</p>
<p>Press the RUN/STOP key to acknowledge the condition and silence the audio alert (if present).</p> <p>Resolve the cause of the occlusion.</p> <p>When the occlusion is resolved the infusion will automatically resume.</p>
<p>Press the RUN/STOP key to acknowledge the condition and silence the audio alert (if present).</p> <p>Resolve the cause of the occlusion such as a closed slide clamp, kinked tubing, or tape covering the air-eliminating filter vent.</p> <p>When the occlusion is resolved the infusion will automatically resume.</p>
<p>Press the RUN/STOP key to acknowledge the condition and silence the audio alert.</p> <p>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.</p> <p>Or press the ON/OFF key for 3 seconds to power off the pump.</p>
<p>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.</p>
<p>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.</p>
<p>Press the RUN/STOP key for 3 seconds to pause the infusion.</p> <p>Press the ON/OFF key for 3 seconds to power off pump.</p> <p>Replace the battery following the instructions provided in the user manual.</p>
<p>The pump will remain in standby mode until the new hour or interval is reached before resuming the infusion.</p> <p>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.</p>

Key	Description
 On / Off	Hold for 3 seconds to power on or off the pump.
 Run/Stop	Press to start or resume the infusion. Press and hold for 3 seconds to pause the infusion.
 OK Enter	Press to advance to the next screen or confirm an input value.
 Down	Press to decrease the value of a parameter or move the cursor downward.
 Up	Press to increase the value of a parameter or move the cursor upward.
 Info	In Programming mode, press to return to the previous screen. In Run mode, press to view shift totals, review the prescription and/or titrate protocol values.
 BOLUS	Press and release the BOLUS key to attempt a Demand Bolus delivery. Press and hold the BOLUS key for 3 seconds to cancel a Delay Start infusion.

Enter a new prescription:

Hold  for 3 seconds to power on the pump.

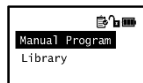
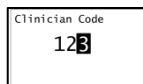
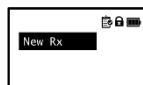
Highlight New Rx and press  to advance.




Unlock the pump.


Select Manual Program or Library mode


Press  to advance.



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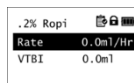


Use the UP key , DOWN key  and Enter  key to select the appropriate category then protocol from the menu.

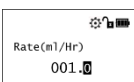
Press  to review the Rx.

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

1. Press  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  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  then  to review and confirm the prescription then begin the infusion.



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

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



Titrate the Infusion: Press the INFO  key.

- Press  to access the Titration menu.
- Highlight the desired parameter. Press .
- Set a new parameter value.
- Press  to confirm the change. The pump will return to the previous screen.
- Press  to activate the change.






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


Resume the Infusion: Press  then  to review and confirm the prescription then resume the infusion.

Power off the Pump:

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

Power back on and Resume the Infusion:

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

Troubleshoot an Alert: Press  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.

