
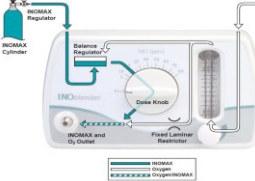


INOMax DSir


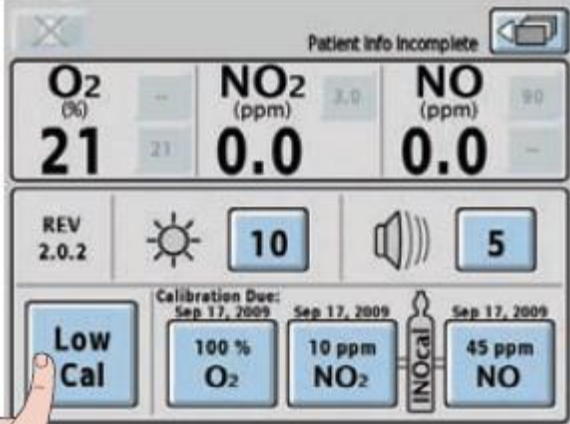
Pre-use checklist 800ppm

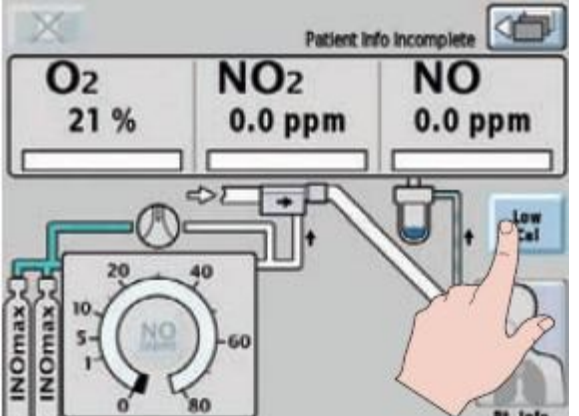
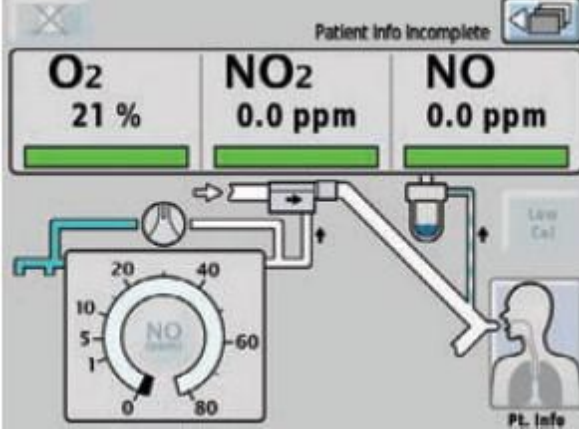
1. **TURN ON THE INOMAX (at the back left hand corner)**
2. **Initial Connections (check all connections)**
 - a. Ensure the cylinders are connected
 - b. Connect the white oxygen hose to the wall supply
 - c. Ensure a filter cartridge is in place (above and behind the water trap)
 - d. Check 'O' rings for damage
3. **Perform high pressure leak test**

INOMax DSIR backup is OFF (This is the "ON" position)	
INOblender is OFF	

- a. Make sure INOMAX cylinder icons are present on bottom left of screen
- b. Open then close both INOMAX cylinder valves
 - i. (When a cylinder is open the top of the cylinder icon on the screen turns green)
- c. Wait 30 seconds to ensure no pressure drop on the regulator dial

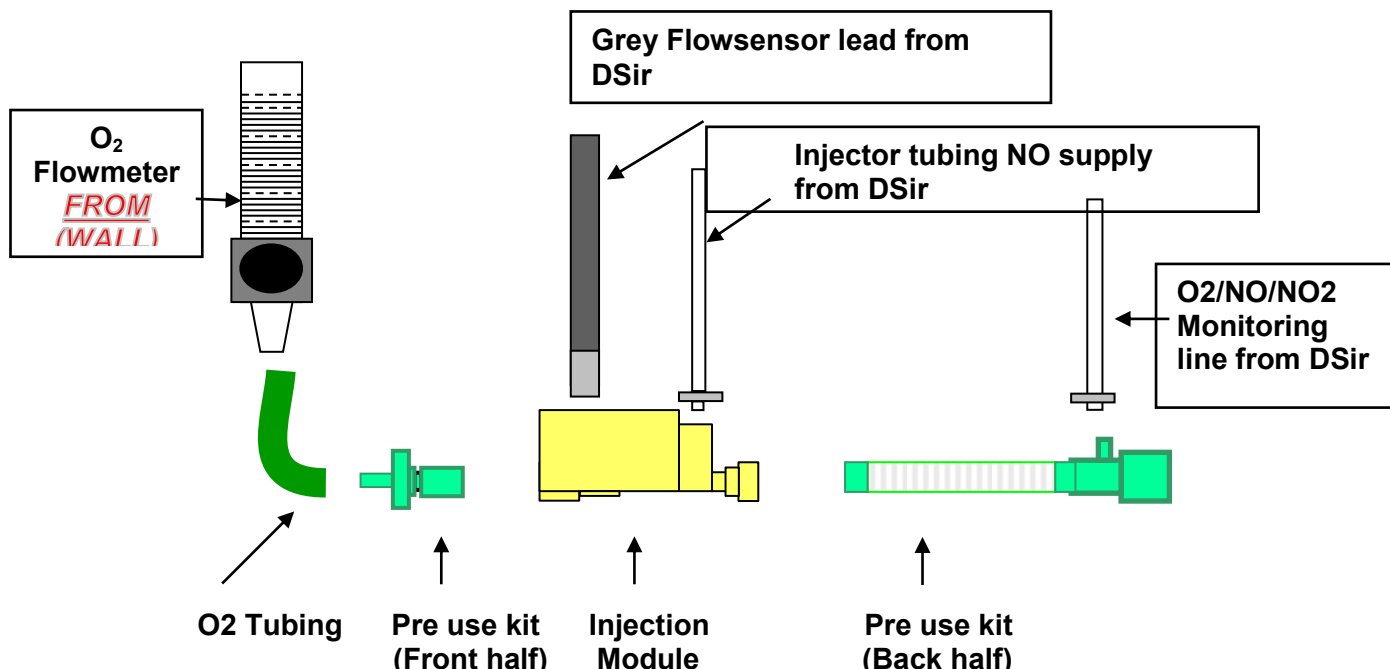
4. Perform low range calibration

Press the menu button (top right)	
Press the Low Cal button to access the low calibration screen	

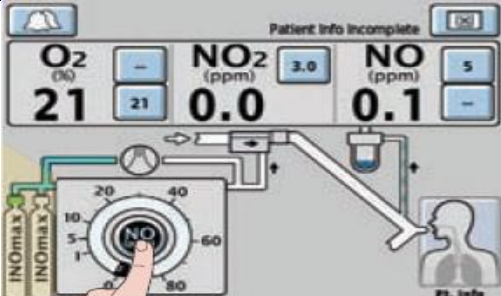


<p>Press the flashing low cal button on the right hand of the screen</p>	
<p>Progress is displayed by bars for each measurement.</p> <p>The progress bars turn green once calibration is completed, a single tone is heard.</p> <p>Display should read O₂ 21%, NO₂ 0.0 ppm, NO 0.0 ppm</p> <p>Press the menu icon (top right) twice to return to main screen.</p>	

5. Perform purge and alarm verification

- a. Set up test circuit for Purge & Performance test as below (Check filter in place on the back of the machine behind the water trap)



- b. Ensure INOMAX cylinder valve is closed
- c. Connect green oxygen tubing to the wall or cylinder oxygen
- d. Set O₂ Flowmeter to **10 L/min**

<p>Press the NO dial on the screen</p>	
<p>Rotate the control wheel to until you have a dose of 40 ppm</p>	
<p>Confirm your selection by pressing the control wheel or touching the screen</p> <p>“Cylinder Valve Closed” alarm will occur</p>	

- e. Purge is complete when “Low NO/N₂ Pressure” alarm activates - top left of screen
- f. Open a cylinder valve
 - i. **Fully - turn as far it will turn without forcing it, then back half a turn** – the top of cylinder icon will be green
- g. Turn INOMAX dose to zero - note: The “Set Dose is Zero, Close Cylinder Valve” indicator will appear; at this point, **do not close the cylinder valve**

6. Perform Backup delivery test

- a. Ensure oxygen flow of **10 L/min**
- b. Turn Backup delivery ON
- c. Verify “Backup ON” alarm activates- top left of the screen
- d. Verify values **NO 14-26 ppm, NO₂ ≤1.0 ppm**
- e. Turn Backup delivery OFF



7. Complete INOMax DSIR Performance Test

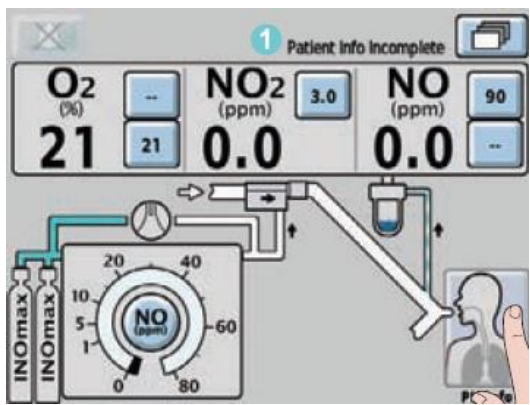

- a. Ensure oxygen flow of **10 L/min**
- b. Set INOMAX dose to 40 ppm
- c. Verify values **NO 35-45 ppm, NO₂ Value <1.5 ppm, O₂ 95% ±3%**
- d. Turn the INOMAX dose to zero; **do not close cylinder valve**

8. Perform INOblender Test

- a. Remove the Pre-Use set-up oxygen tubing from the oxygen flowmeter and connect it to the front of the INOblender
- b. Remove the injector module from the Pre-Use set up and reconnect the adapters
- c. On the INOblender, set the INOMAX dose to 40 ppm (**the dial is stiff to turn**) and O₂ flow to **10 L/min**
- d. Verify values on the DSIR **NO 32 - 48 ppm**
- e. Turn the dose and flow to zero and remove the Pre-Use set-up from the INOblender

- **Warning:** If not starting therapy within **10 minutes**, depressurize the INOMAX cylinders
 - Turn off the cylinder and remove the cylinder hose from the rear of the DSir
 - Press it into the purge port at the back of the head until the hissing stops
 - Reconnect hose to the head.
- The system can be used on a patient up to **12 hours** after performing the pre-use checks without repeating them
- It will however, need a manual purge; this is performed by
 - Open & close the cylinder valve
 - Remove the grey hose for that cylinder and inserting it into the purge port
 - Hold until no more gas hissing can be heard
 - Replace the grey hose into the rear of the DSir.

► ****Please enter the patients hospital number into the machine when in use on a patient - this is essential for tracking cylinder use**** ◀

<p>Press the 'Patient Information' button at the bottom right –hand side of the main display</p>	
<p>Enter the patient's hospital number. Make sure the confirm button is pressed</p>	

HELP LINE NUMBER 0800 917 40 24 (24 HOURS-AFTER 5PM AND BEFORE 8AM ARE URGENT CALLS/ADVICE ONLY)