

Pre-Use Procedure

A. Initial Connections

1. Check white plastic tip on regulator
2. Connect high pressure regulator

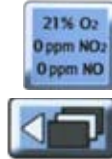
B. Perform high pressure leak test

Note: Make sure INOMax DS backup and INOblender are OFF

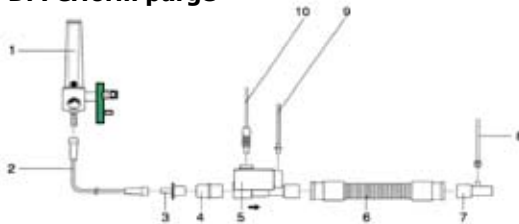
1. Open/Close INOMax[®] cylinder valve
2. Wait 30 seconds and ensure no pressure drop

C. Perform low range calibration (second menu level)

Note: Once the calibration is completed (bars turn green) press the menu button twice to return to the main screen



D. Perform purge



1. O₂ Flowmeter
2. O₂ Tubing
3. 15 M x 4.5 mm Adapter
4. 22 M / 15 F x 22 M / 15 F Adapter
5. Injector Module
6. 300 mm of 22 mm hose
7. Gas Sample Tee
8. Patient Gas Sample Line
9. NO/N₂ Injector Tube
10. Injector Module Electrical Cable

1. Ensure cylinder valve is closed
2. Connect to wall or cylinder oxygen
3. Set O₂ Flowmeter to 10 L/min
4. Set INOMax dose to 40 ppm
5. Purge is complete when "Low NO/N₂ Pressure" alarm activates
6. Open cylinder valve
7. Turn INOMax dose to zero

E. Perform backup delivery test

1. Turn backup Delivery ON
2. Verify "backup ON" alarm activates
3. Verify values
4. Turn backup delivery OFF



| | |
|-----------------|-----------|
| INOMax Dose = | 14-26 ppm |
| NO ₂ | <1.0 ppm |

F. Complete INOMax DS Performance Test

1. Ensure oxygen flow of 10 L/min
2. Set INOMax dose to 40ppm
3. Verify values in Table 1
4. Turn the INOMax dose to zero

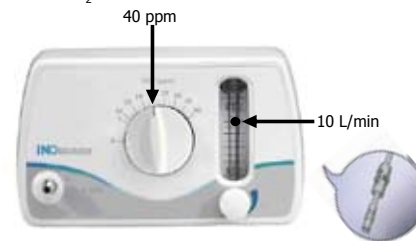
Table 1

| | |
|----------------------------------|-----------|
| Acceptable INOMax Value | 35-45 ppm |
| Acceptable NO ₂ Value | <1.5 ppm |
| FiO ₂ | 95% ±3% |

G. Perform INOblender Test

Note: Ensure INOblender inlet hose is connected to the back of the INOMax DS and the quick-connect cover is in place (see inset)

1. Remove the Pre-Use set-up oxygen tubing from the oxygen flowmeter and connect it to the front of the INOblender
2. Remove the Injector Module from the Pre-Use Set-up. On the INOblender, set INOMax dose to 40 ppm and O₂ flow to 10 L/min



3. Verify values on the INOMax DS

| | |
|-------------------------|-------------|
| Acceptable INOMax Value | 32 - 48 ppm |
|-------------------------|-------------|

4. Turn the dose and flow to zero and remove the Pre-Use set-up from the INOblender

The INOMax DS is now ready to connect to the patient


Warning: If not starting therapy within 10 minutes, depressurize the INOMax regulator

End of Pre-Use Procedure




WARNING: This reference card is not a substitute for the INOMax DS and INOblender Operation and Maintenance manuals. Refer to these manuals for all applicable cautions and warnings.

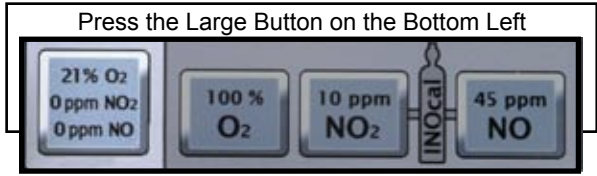
Calibration

- | | |
|-----------------|---|
| WARNING: | INOmax® can be administered during the sensor calibration process. However, inspired gases are not monitored and gas monitoring alarms are disabled. |
| Caution: | <p>When performing a high range calibration make sure to select the correct calibration gas and confirm the expiration date before using.</p> <p>Never connect the sample line directly to a high pressure gas source (greater than 150 cmH₂O); this could damage the sampling system.</p> |
| Note: | <p>The calibration process can be stopped at anytime by pushing the return to previous level "button" on the touch screen.</p> <div style="text-align: right;"></div> |

Low Range Calibration

Perform daily



To access the calibration menu: Press the menu button  on the main screen to enter the menu screen (second menu level)
The lower part of the menu screen displays the 4 calibration buttons



High Range Calibration

Perform every thirty days or as necessary




Oxygen Sensor

1. From the menu screen (second menu level) press the 100% O₂ button to bring up the O₂ high range calibration screen (third menu level) 
2. Assemble connectors into a calibration setup
 - (1) 100% O₂ source
 - (2) O₂ Tubing
 - (3) 15M x 4.5 mm Connector
 - (4) Gas Sample Tee
 - (5) Patient Gas Sample Line
3. Set oxygen flow to 5 L/min
4. To start the O₂ high range calibration, press the flashing 100% O₂ button on the right hand side of the screen 

NO₂ Sensor and NO Sensor

This procedure is for calibrating the NO or NO₂ sensor

- The NO₂ high range calibration requires an INOcal® cylinder of 10 ppm NO₂ (pink label)
- The NO high range calibration requires an INOcal® cylinder of 45 ppm NO (teal label)

1. From the menu screen (second menu level), press the 10 ppm NO₂ button or the 45 ppm NO button to bring up the calibration screen (third menu level)  **or** 
2. Turn the INOcal cylinder on and check that there is adequate pressure (replace if in the RED zone)
3. Attach the INOcal sample tee to the patient gas sample line of the INOmax® DS (beige adaptor is a pressure relief)
4. To start the high range calibration, press the flashing button on the right hand side of the screen  **or** 