



Capnography Troubleshooting Supplement

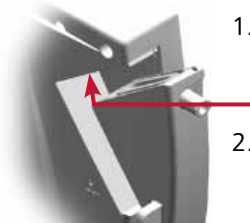
RespSense™/LifeSense®

(See the RespSense / LifeSense Instructions for Use for complete instructions.)


I. START-UP

A. Prior to turning on the monitor

1. Insert the filter into the trap.
2. Insert the trap and filter into the monitor – insert the top of the trap first, then snap in bottom. (Look for the numbers 1 and 2 embossed on the monitor in the area where the trap inserts.)



B. Turn on the monitor

1. Disable audible alarms by pressing the 'NO ALARM' icon  on the start-up screen.
2. After starting the monitor and the pump is running (about 15 seconds), you will see 'WARM UP' then 'NO BREATH' displayed.

C. Verify that trap and filter are seated properly


1. Hold your finger over the trap inlet where the cannula connects.



After a few seconds, the pump will slow and you will get an 'OCCLUSION' display.



2. Release your finger and the monitor is ready. This indicates that the trap and filter are positioned correctly. (Skip to Section II. DURING OPERATION.)
3. If, after 5-10 seconds, 'NO BREATH' is still displayed, the filter is not seated properly. After re-seating the trap and filter, repeat Step 1 above. If again this does not show an 'OCCLUSION' alarm, then there may be trouble with the unit. (Proceed to Section D. Checking the monitor.)


D. Checking the monitor

1. With the unit running, remove the trap and filter and place your finger over the small hole in the recessed area of the monitor.
2. After a few seconds, the pump should slow and you will get an 'OCCLUSION' display. Continue to hold your finger over the hole and the pump should stop. 'TRAP FULL/PUSH ALARM' should be displayed. The unit is operating properly. Change filter and insert the trap and filter again.
3. Reset the monitor by pressing the ALARM/RESET button .
4. If the unit continues to run with your finger over the hole (15-20 seconds) with no 'OCCLUSION' or 'TRAP FULL/PUSH ALARM' display, then the monitor is not functioning properly. Contact Nonin Technical Service.

II. DURING OPERATION

A. Occlusion indication during operation

1. If the monitor occludes, 'TRAP FULL/PUSH ALARM' will be displayed.
2. Reset the monitor up to two (2) times by pressing the ALARM/RESET button .
3. If the monitor occludes again, the pump will run for several seconds then shut off and display 'OCCLUSION' followed by 'TRAP FULL/PUSH ALARM'.
4. To determine if the occlusion is in the cannula or the filter/trap combination, disconnect the cannula from the trap (Luer connector) and press the ALARM/RESET button .

If the monitor restarts and runs properly for 10-15 seconds, then the occlusion is in the cannula and the cannula should be replaced. If the unit occludes and shows the 'TRAP FULL/PUSH ALARM' the occlusion is in the filter. Replace the filter and restart the monitor by pressing the ALARM/RESET button .

Contact Nonin Technical Service for product service, troubleshooting and manuals. www.nonin.com/TechServices

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