

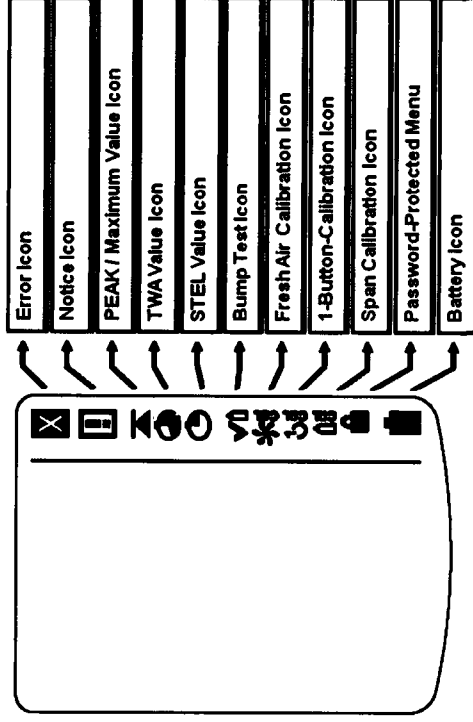


Dräger X-am 2000 & X-am 5000 Quick Guide

Both the X-am 2000 and the X-am 5000 have two menu systems, the quick menu and the full menu. In the quick menu, you have access to the fresh air zero function, and in the full menu, you have access to all the possible functions.

If you only need to perform a fresh air zero adjustment, use the quick menu. If you need to perform both a fresh air zero and span adjustment you will need to use the full menu.

Here is an example of all the possible icons you may see on the display:



To access the Quick Menu:

1. Press the blue button 3 times.

To access the Full Menu:



1. Press and hold the blue button for approx 5 seconds until you see a three digit password "000" appear.
2. Press the green button 2 times to move the cursor to the last digit.
3. Press the blue button 1 time to change the last digit to a 1 (password is 001).
4. Press the green button 1 time to access the Full Menu.

To access Warning & Fault messages:


1. Press and hold the green button for about 3 seconds until you see a three digit code on the display.
2. Press the green button repeatedly to see all the codes. (there may be more than one)



To access Peaks:

1. Press and hold the green button for approx 3 seconds until you see the peaks icon  appear on the right side of the display.
2. Press the green button 1 time to see the TWA if available.
3. Press the green button 1 time to see the STEL readings if available.
4. Press the green button 1 time to return to the main sensing mode.
5. To clear peaks for the X-am 2000, you must turn the gas detector off.
6. To clear the peaks for the X-am 5000 you can enter the quick menu (press the blue button 3 times).
7. Press the blue button 1 time to highlight peaks .
8. Press the green button to enter peaks.
9. Press and hold the green button until the displayed peak readings reset to 0 / 20.9 / 0 / 0.



To perform a Fresh Air Zero:

1. Press the blue button 3 times.
2. You will see the Fresh Air Icon  appear on the right side of the display.
3. Press the green button 1 time to start the Fresh Air Zero.
4. Wait 3 seconds while the concentrations fluctuate.
5. Press the green button 1 time to complete the Fresh Air Zero.
6. OK should appear on the display.

To perform a Bump Test with calibration cradle:

1. Insert gas detector in to calibration cradle. (Be sure gas detector is pressed down all the way and locked in position).
2. Turn regulator on and flow gas for 30 seconds. (Flow rate should be 0.5 lpm).
3. Compare readings from the gas detector display with the concentrations on the label of the calibration gas. (Be sure the calibration gas is not older than 1 year if there is H2S in the mix).
4. The readings should be within + or - 10% accuracy.
5. If the readings are greater than + or - 10 % accuracy you need to perform a Span Calibration.

To perform a Bump Test with the Bump Test Station:


1. Insert gas detector in to Bump Test Station. (Be sure gas detector is pressed down all the way and locked in position).
2. You will see the Bump Test Icon  appear on the right side of the display.
3. Watch the display, you will see the readings fluctuate for approx 30 seconds.
4. If you see an OK appear on the display, the gas detector has passed the Bump Test and can be removed from the Bump Test Station.
5. If you do not get an OK after 30 seconds the gas detector has failed the Bump Test and will now switch over to the Span Calibration.
6. As soon as you see the 1-Button-Calibration Icon  appear on the right side of the display, press the green button 1 time to complete the Span Calibration. You should see OK appear on the display.
7. Remove the gas detector from the Bump Test Station.

To perform a Span Calibration:




1. Press and hold the blue button for approx 5 seconds until you see a three digit password "000" appear.
2. Press the green button 2 times to move the cursor to the last digit.
3. Press the blue button 1 time to change the last digit to a 1 (password is 001).
4. Press the green button 1 time to access the Full Menu.

5. You will see the Fresh Air Icon  appear on the right side of the display.
6. Press the green button 1 time to start the Fresh Air Calibration.



7. Wait 3 seconds while the concentrations fluctuate.
8. Press the green button 1 time to complete the Fresh Air Zero.
9. OK should appear on the display.
10. You will see the 1-Button-Calibration Icon  appear on the right side of the display.
11. Press the green button 1 time to start the Span Calibration. (the display should begin flashing)
12. Insert the gas detector into the calibration cradle and turn on the gas flow or insert the gas detector into the Bump Test Station and the gas flow will start automatically.
13. Wait 30 seconds for the concentrations to stabilize.
14. Press the green button 1 time to complete the Span Calibration. OK should appear on the display.
15. Remove gas detector from cradle.

To perform a Span Calibration for one sensor :

1. Press and hold the blue button for approx 5 seconds until you see a three digit password "000" appear.
2. Press the green button 2 times to move the cursor to the last digit.
3. Press the blue button 1 time to change the last digit to a 1 (password is 001).
4. Press the green button 1 time to access the Full Menu.
5. You will see the Fresh Air Icon  appear on the right side of the display.
6. Press the green button 1 time to start the Fresh Air Calibration.
7. Wait 3 seconds while the concentrations fluctuate.
8. Press the green button 1 time to complete the Fresh Air Zero.
9. OK should appear on the display.
10. You will see the 1-Button-Calibration Icon  appear on the right side of the display.
11. Press the blue button 1 time to see the Span Calibration Icon .
12. Press the green button 1 time to see the first available sensor.
13. If you want to start the Span Calibration for that sensor press the green button 1 time to see the gas concentration setting.
14. If the gas concentration setting is wrong, press the blue button 1 time.
15. Press the blue button to adjust the value and the green button to move the cursor to the next digit until all digits have been adjusted. (the display should begin flashing)
16. Press the green button 1 time to start the Span Calibration.
17. Insert the gas detector into the calibration cradle and turn on the gas flow or insert the gas detector into the Bump Test Station and the gas flow will start automatically. (be sure to use the correct gas)
18. Wait minimum 30 seconds for the concentrations to stabilize.
19. -Press the green button 1 time to complete the Span Calibration. OK should appear on the display.
20. -Remove gas detector from cradle.

