

ToxCO[®]

Instant screening for carbon monoxide poisoning.



Infection control plays an important role in the medical device industry, but now more than ever, we must take extra precaution to ensure the safety of healthcare professionals and patients alike when performing CO breath tests.

This guide has been put together to help you safely resume CO monitoring.

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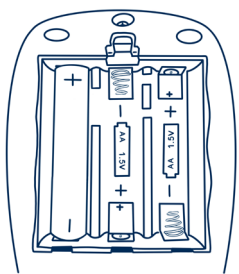
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Important Information:

NOTE: The ToxCO® should be wiped down before and after each test. For a full list of recommended cleaning wipes and solutions, please visit: <https://www.bedfont.com/cleaning-bedfont-monitors>

How to perform a bump test with verified gas:

1



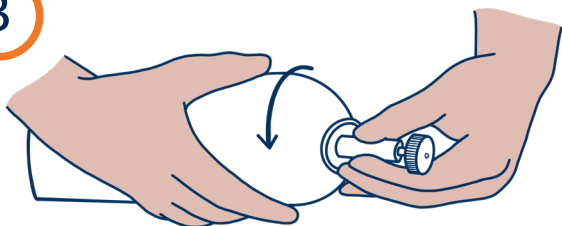
If it's been a while since you've used your ToxCO®, please check the batteries have charge. Replace them if necessary

2



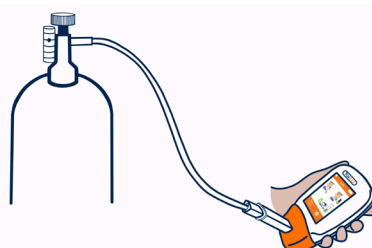
As routine maintenance, a bump test should always be performed after long periods of no use to check the device is reading correctly. You can perform a bump test using either a non-smoker or certified gas to ensure the device is reading correctly

3



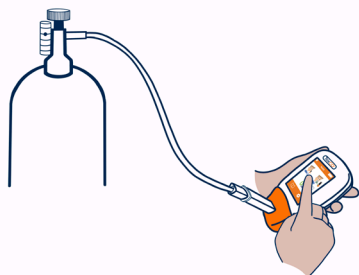
To perform a bump test using gas, firstly attach the gas canister to the gas regulator by screwing the canister into the regulator

4



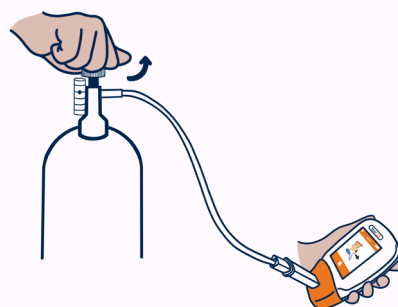
Attach the regulator to the ToxCO® device

5



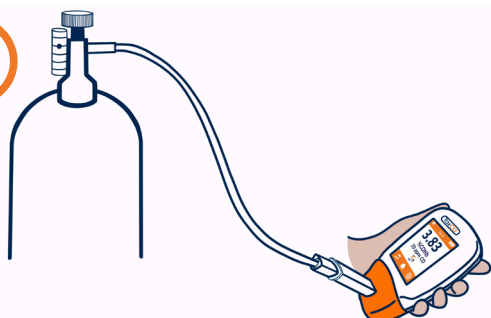
Start the breath test on the ToxCO® device

6



Once the countdown has finished and the screen prompts to exhale, open the gas regulator to perform the bump test

7



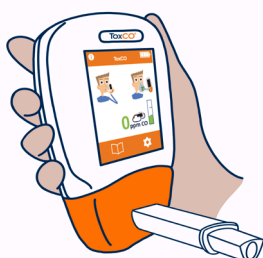
Once the reading has stabilised on screen close the regulator to turn off the gas

8



Make sure the ToxCO® device is reading between 15 and 22 ppm

9



If the ToxCO® is not reading between this range, please calibrate the device

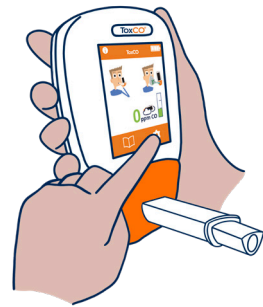
How to perform a calibration:

1



To perform a calibration test, firstly turn on the ToxCO® device

2



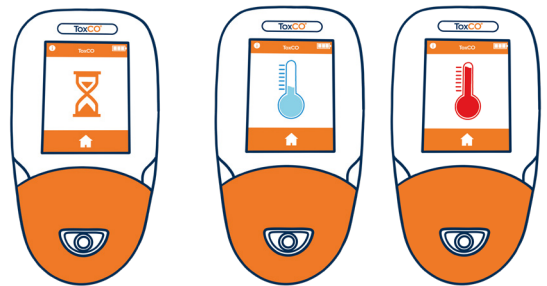
Press the settings icon to open the settings menu

3



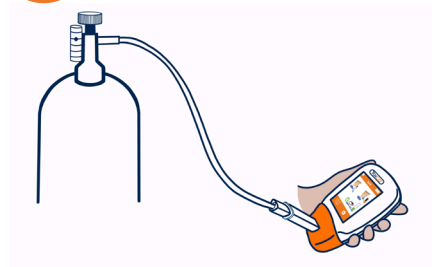
Press the cylinder calibration icon to proceed

4



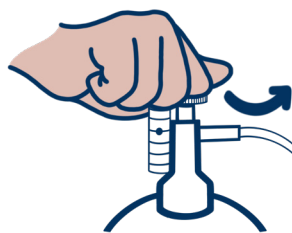
Allow the ToxCO® device to zero. If the device is too cold or hot please wait for it to come to ambient temperature before continuing

5



As prompted, attach the regulator to the ToxCO® device and follow the onscreen instructions to run the calibration

6



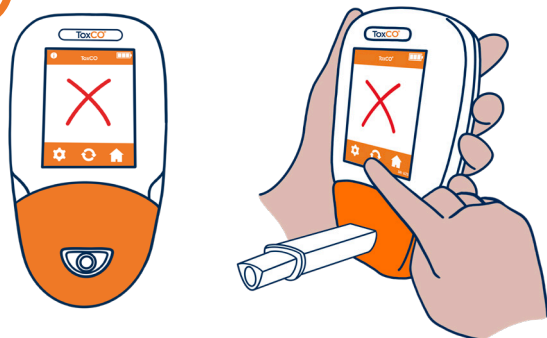
Open the gas regulator to perform the test

7



If the ToxCO® successfully completed its calibration a green tick will show

8



If the the ToxCO® failed its calibration a red cross will show, press the retry icon to try again. If unsuccessful consult the troubleshooting section of the manual or contact your local distributor for help

9



Close the regulator when the calibration is finished



How to perform a breath test with a mouthpiece:

Bedfont® Scientific Ltd. has put together some advice on how to safely perform breath tests during the pandemic, however, first and foremost, it is recommended that you follow your local guidelines on breath testing procedures and necessary PPE

1



The ToxCO® should be wiped down before and after each test. For a full list of recommended cleaning wipes and solutions, please visit: <https://www.bedfont.com/cleaning-bedfont-monitors>

2



The external surfaces of the D-piece™ filter should also be wiped down before and after each test
D-piece™ should be replaced every 30 days

3

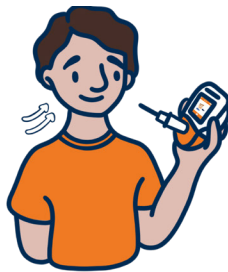


A new SteriBreath™ mouthpiece should be used for each patient. It is best practice for the patient to insert their own mouthpiece

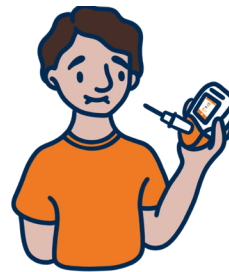
4



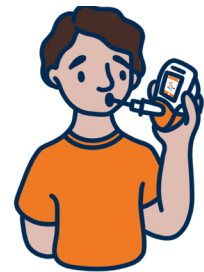
Follow the instructions on the ToxCO® to complete a breath test



The patient will be prompted to inhale and hold their breath



There will be a 15 second countdown



The patient will be prompted to exhale slowly into the device, and should aim to completely empty their lungs

5



The results will rise and stabilise onscreen



6



Allow the patient to throw away their used mouthpiece

7



Results can be interpreted using the AGLs for Carbon Monoxide

8



The external surfaces of the D-piece™ filter should also be wiped down before and after each test
D-piece™ should be replaced every 30 days

9



The ToxCO® should be wiped down before and after each test. For a full list of recommended cleaning wipes and solutions, please visit: <https://www.bedfont.com/cleaning-bedfont-monitors>

How to perform a breath test with a face mask:

Bedfont® Scientific Ltd. has put together some advice on how to safely perform breath tests during the pandemic, however, first and foremost, it is recommended that you follow your local guidelines on breath testing procedures and necessary PPE

1



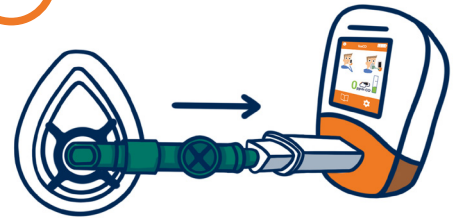
The ToxCO® should be wiped down before and after each test. For a full list of recommended cleaning wipes and solutions, please visit: <https://www.bedfont.com/cleaning-bedfont-monitors>

2



The external surfaces of the D-piece™ filter should also be wiped down before and after each test
D-piece™ should be replaced every 30 days

3



Assemble the sampling system by inserting the D-piece™ filter into the ToxCO®, then the sampling system and finally the face mask. A new face mask sampling system should be used for each patient

4



Follow the instructions on the ToxCO® to complete a breath test

5



Prompt the patient to inhale and exhale into the face mask

6



Sampling will last 60 seconds as the %COHb/ppm levels rise and hold. The result will be shown onscreen

7



Allow the patient to throw away their used mouthpiece

8



Results can be interpreted using the face mask test interpretation chart

9



The external surfaces of the D-piece™ filter should also be wiped down before and after each test
D-piece™ should be replaced every 30 days

10



The ToxCO® should be wiped down before and after each test. For a full list of recommended cleaning wipes and solutions, please visit: <https://www.bedfont.com/cleaning-bedfont-monitors>



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