

Tested and proven to filter 99.9% of bacterial and viral particles



TestSafe™ Mouthpiece

Traps expelled bacterial and viral particles from an exhaled breath sample

The COVID 19 pandemic has created some concern about the possible transmission of breath borne pathogens when conducting breath alcohol tests.

It is believed that coughing, sneezing, and forced exhalation aerosolize breath borne pathogens which could be a vehicle for cross infection.

It is reported that the most common pathways of breath borne disease transmission are via inhalation of infectious germs through the mouth or nose or if germs come in contact with one's eyes. The experts also indicate, while it is a less likely path, germs that have been deposited on a surface can be picked up from touching the surface and transporting them into one's mouth, nose or eyes.

Who might be at risk for infection?

- A subject who is exposed to infectious germs deposited from earlier use or maintenance of the instrument.
- A subject who is exposed to infectious germs produced by a contagious instrument operator.
- An instrument operator who is testing a contagious subject.
- An instrument handler or maintenance technician who touches infectious germs that have been deposited on the instrument.

What can be done to minimize exposure?

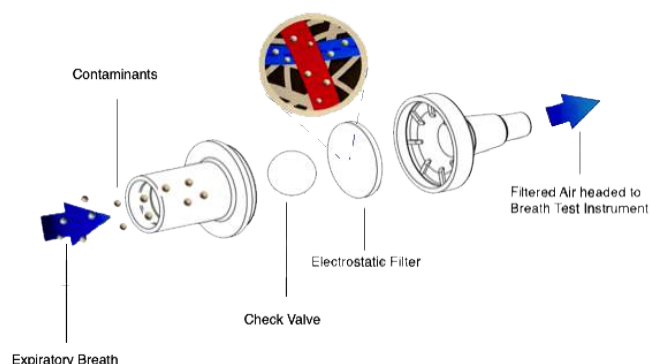
An ideal solution would protect the subject, operator and instrument handler by trapping the infectious droplets and aerosolized germs before they leave the mouthpiece and get deposited on the instrument or are expelled into the surrounding air.

Intoximeters, Inc. has designed and developed a patent pending filtered mouthpiece to reduce the expelled germs from an exhaled breath sample.

The TestSafe™ Mouthpiece is designed to:

- Protect the operator by trapping infectious germs that may pass through the mouthpiece from a subject's exhalation.
- Protect the sample provider from sucking infectious germs from the instrument.
- Reduce the requirements for cleaning and disinfecting the instrument since the filter traps most germs before they leave the mouthpiece.

Intoximeters' patent pending filtered mouthpieces allow alcohol to pass through the filter so that breath alcohol concentrations are not compromised. Additionally, the mouthpiece is designed to minimize back pressure so providing a sample is still comfortable and easy for the subject.



Intoximeters

TestSafe™ Mouthpiece

The patent pending TestSafe Mouthpiece is designed to work in one of two ways.

First, it is designed to fit directly into our benchtop instruments and replace the current mouthpiece (AlcoMonitor CC®, Intox EC/IR®, Intox EC/IR® II, Intox EC/IR® II.t and Intox DMT®)

For our handheld product line (Alco-Sensor®, Alco-Sensor® III, Alco-Sensor FST®, Alco-Sensor® IV and Alco-Sensor® VXL), this mouthpiece is designed to be an adaptor that plugs into the current mouthpiece, which in turn attaches to the instrument.

The TestSafe Mouthpiece has been designed to minimize any added back pressure. so that providing a sample is easy for the subject.

Independent third party testing at the **US National Highway Traffic Safety Administrations (NHTSA)** testing lab has validated our own in-house testing by demonstrating that the use of the mouthpiece does not adversely impact instrument accuracy in measuring breath alcohol concentrations.

TestSafe Mouthpiece Performance

Filter Media	Electrostatic
Housing	Polypropylene (Natural)
Flow Resistance @30L/min	142.99 mm H2O
Bacterial Filtration Efficiency @30L/min*	99.99%
Viral Filtration Efficiency @30L/min*	99.93%
* Tested by Nelson Labs using their Increased Challenge Bacterial and Viral Efficiency Tests. (reports available upon request)	

TestSafe Mouthpieces are available:

With Check Valve (part #23-0095-01)

Minimum order 100 individually bagged mouthpieces.



When providing a breath alcohol test there are procedures that can mitigate the likelihood of disease transmission.

1. Keeping social distance whenever possible during the testing process.
2. Testing in an environment where there is good air exchange.
3. Make certain that the subject's exhaled breath sample is directed away from the instrument operator and anyone else in the testing environment.
4. Use of proper personal protective equipment (gloves, masks and shields) when performing a test or handling the instrument.
5. Identifying if the subject or operator is infected prior to performing the test.
6. Use a new, clean mouthpiece for each subject tested.
7. **Use a mouthpiece that traps potential infectious germs before they are expelled into the instrument or the ambient environment.**
8. Remove and dispose of the mouthpiece in a safe and hygienic manner.

For pricing, email sales@intox.com, or call (314) 429-4000.