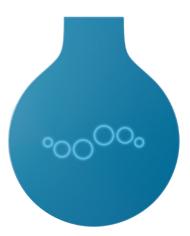


# Breathometer™ Breeze

User instruction manual



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#### Introduction:

Breeze™ is a portable, wireless Breathalyzer that detects the presence of alcohol on your breath. Using the Breathometer app on your supported smartphone; a simple 5 second blow through the mouthpiece on Breeze is all that is required to obtain your estimated blood alcohol level in seconds.

Breeze is designed to detect and measure alcohol (ethanol) in human breath through the use of an Electrochemical Fuel Cell sensor and patented software. These results are represented through the Breathometer app on your smartphone using the following ratio of breath alcohol to blood alcohol 2,100:1. This means that 2,100ml of alveolar air contains the same amount of alcohol as 1 ml of blood. This is the same ratio law enforcement agencies and hospitals use when a blood sample is not available. Using this ratio, measurements from the breath can be used to calculate a respective level of intoxication. Breeze will detect levels between 0.00% - 0.20% BAC with law enforcement grade accuracy.

#### What's the deal with alcohol?

Millions of people consume alcohol on a daily basis, so many feel they understand how it impacts them. We wanted to provide a little more detailed information to explain why knowing your BAC level might be very important. Beyond understanding yourself a little better, you can also start to learn that what you eat, what you are drinking and how fast you may be consuming alcohol may effect you in different ways.

With every sip consumed, alcohol is absorbed by your body and makes its way through your mouth, stomach, small intestine, heart, brain, liver, kidneys, lungs and skin.

Alcohol is a depressant. It has a relaxing effect on the muscles in your body. The muscles of your eyes relax and lose focus. Your eyesight will become fuzzy and you may experience double vision. As we've said, your brain is affected. Brain activity is slowed. Your judgment, reflexes and coordination are all negatively affected.

## Some vision impairments that occur when you have been drinking include:

- -Narrowing of your field of vision
- -Reduction in your depth perception
- -Decreased ability to see in darkness
- -Increased sensitivity to glare and a longer time for your eyes to re-adjust from glare

## Some mental (brain) impairments that occur when you have been drinking include:

- -Reduced awareness of danger
- -Becoming over-confident and reckless
- -Decision-making becomes difficult
- -Reduction in balance
- -Slowed reflexes
- -Impaired judgement

## How does alcohol affect my driving?

"We can't emphasize enough how dangerous it is for you to drink and drive. Your vision and your brain are the most important factors to driving safely. If you jeopardize either one by drinking and driving, you are likely to be involved in a serious or fatal collision."

From California Department of Motor Vehicles (http://www.dmv.ca.gov)

## Specifications:

Size: 2.3"D x 1.88" W x 0.59" H

Weight: .97 oz

Warm up time: No Warm Up Time- Sensor response to 5 seconds

Recovery time: 40 to 60 Seconds after test

Blowing time: 5 seconds

Battery life: Approximately 15 months, or 2,500 tests

BAC range: 0.000 - 0.250% BAC

Operating temp: 32F-90F (0C-32C)

Calibration: Not Required prior to 5,000 tests

Sensor: Electrochemical Fuel Cell

#### Accessories:

Your Breeze<sup>™</sup> package included three optional accessories:

Mouthpiece fits over the blow-tube opening on the Breeze and is provided for times when you may want to share the product with another person, or may be wearing lip gloss, lipstick or topical material that you do not wish to have remaining on your Breeze product. The Mouthpiece, when removed from Breeze, can be washed with soap and water, or run through a dishwasher safely.

Keychain attachment can be used to assist in carrying Breeze, so you know you will have it with you when needed. The Keychain attachment must be removed prior to using the Breeze, as it covers the blow-tube opening on the product. The Keychain attachment can also help protect the blow-tube opening by keeping it covered and more protected from contaminants or debris between uses.

Clip attachment provides for another useful way to carry the Breeze. Attach Breeze to your pocket, purse or use it as a money clip. Another convenient way to keep Breeze with you wherever you go. The Clip attachment can also help protect the blow-tube opening by keeping it covered and more protected from contaminants or debris between uses. Clip must be removed prior to using the product, as it covers the blow tube.

## Mobile App:

In order to use Breeze, you will need to download the Breathometer App for your Smartphone. Once you have done this, open the app, pair your Breeze with your smartphone and you are ready to start using Breeze.

Following are the steps to operate your Breathometer Breeze:

### Setup process:

- 1) Download the Breathometer App from the App Store or Google Play.
- 2) Launch the App and power on the Breeze by pressing the button on the bottom side of the product
- 3) The first time you use Breeze, you will need to pair it with your smartphone. This is only required once. To pair your Breeze with your smartphone press the power button and follow the instructions on your Smartphone screen.
- 4) To take a test-simply launch the Breathometer app on your smartphone, power on your Breeze and when the app instructs you, simply blow. Results are shown in 5 seconds on your smartphone in the Breathometer app.

To ensure that you receive an accurate reading, please wait 20 minutes after drinking, eating or smoking before taking a test.



Open the Breathometer App on your smartphone and turn on Breeze. Confirm Breeze is paired with your smartphone.



Blow into the mouthpiece for 5 seconds and see your results in the Breathometer app on the smartphone in 5 seconds.

After you have blown- the app will present a screen telling you it is analyzing the results.



When the results are shown, you will be provided with your current estimated BAC level, including a color-coded screen based on your level. This screen will also include your "Back to Zero"™ time, which informs you when you will likely be sober- or Back to Zero™.

Breeze requires up to 60 seconds to recover after each test. If you want to take another test, please make sure the Breathometer App is ready to receive the test sample before blowing.

Please explore the Breathometer App for additional helpful information on how to "Get Home Safe", "Stay Nearby", or view your recent test results and other tips.



#### A few tips:

It is strongly recommended to avoid blowing excess moisture into the mouthpiece, as this may affect the accuracy of the results and impact future tests. If excess moisture is detected, we recommend gently waiving the product back and forth holding the mouthpiece in your fingers, allowing the moisture to escape through the bottom of the product.

If you share your Breeze with friends, we recommend using the mouthpiece accessory to keep the mouthpiece free from excessive germs and contaminants. Using Breeze is similar to sharing a whistleso use your best judgment when sharing without the mouthpiece.

Please wait 20 minutes after your last drink to obtain an accurate result. If you have residual alcohol in your mouth- this will impact your results.

You can clean your Breeze using a damp towel on the exterior surfaces. We do not recommend using alcohol based cleansers or detergents as this may impact the color or functionality of the product.

### How to interpret the results?

The generally accepted legal limit for blood alcohol concentration in the United States is 0.08%. However, your operation of a vehicle can be impaired at levels of 0.04% or lower. It is not safe to drink any alcohol and drive.

#### Product maintenance:

Battery: Breeze operates on a coin cell battery that can be changed after 15 months, or 2,500 tests. There is a battery level indicator in the Breathometer app when connected. It also informs you on how many tests have been taken on your Breeze. To change the battery, you will need a CR3032 Coin Cell Battery- usually found where you would purchase replacement watch batteries. The battery is located below the top case of the Breeze. Simply rotate the top case by holding the bottom in one hand and rotating the top a fraction to the left. A partial rotation of the top case will separate it from the bottom. After replacing the battery, simply place the top case back on the Breeze and rotate it into the locked position.

Cleaning: You can use a damp cloth to wipe off your Breeze. It is recommended to not utilize a detergent or alcohol based cleanser, as this may impact the finish, or sensor accuracy.

#### Precautions and Calibrations:

Breeze is designed to not require Calibration services prior to 5,000 tests. Please contact Customer Support by emailing hep@breathometer.com if you feel you are not obtaining accurate results. This may reflect something other than the sensor.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

#### Warranty

The limited warranties provided by Breathometer apply only to new Breathometer devices that you purchased in the United States directly from Breathometer or an authorized Breathometer reseller for your own use, and not for resale. Breathometer warrants that the Breathometer device will be free from defects in workmanship and materials, under normal non-commercial use, for one (1) year from the original purchase date.

#### Our warranties do not apply to:

 -Software, including any firmware, operating system or application software delivered to you either prior to or subsequent to delivery 'of the Breathometer to you;

-Any website services provided by Breathometer or third parties in connection with the Breathometer Product:

 -Damage to the surface of the Breathometer Product, including cracks or scratches to the enclosure, or any other cosmetic damage;

-Damage that results from accident, abuse, misuse, neglect or any use of the Breathometer Product other than for its intended use;

-Damage that results from any unauthorized attempts to open, maintain, repair or modify the Breathometer Product; and

-Damage that results from the Breathometer Product being subjected to abnormal physical, thermal or electrical stress, including water, dust, power fluctuations or other hazards.

#### Disclaimer:

Breathometer, Inc. makes no warranties, expressed or implied as to the ability of this device to determine whether a user is impaired or able to safely drive a motor vehicle or operate machinery.

#### **FCC**

To assure continued FCC compliance:

- Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

Note: FCC  $\mbox{ID}$  can be found in an battery label underneath the battery.



This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence, L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



# Breathometer™

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