

# DRIVESAFE™ evōc



Instruction manual

## Federal Communications Commission (FCC) Disclaimer



FCC ID: 2AFL6-I-553

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operations are subject to the following 2 conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operations.

## Industry Canada

This device complies with Industry Canada licence-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.

## Industrie Canada

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'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## Certification



The DRIVESAFE evoc and other breath alcohol testing products of Alcohol Countermeasure Systems (ACS) comply with international standards for function and safety. For more details, contact ACS.

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## **SAFETY AND PRECAUTIONS**

- Before performing a test, wait 15 to 20 minutes after your last drink or cigarette
- Do not blow smoke or liquid into the sensor inlet, as this may damage the sensor
- Do not place the breathalyzer in direct sunlight for extended periods of time
- Avoid dropping the unit
- The DRIVESAFE evōc must be calibrated after performing 500 tests or after 1 year of use
- It is possible that your alcohol level rises after 1 hour after your last drink
- Test results obtained with this breathalyzer can't be used as a defense in court or in front of the police
- Do not operate a motor vehicle if the breath test result is over the legal limit

## BREATHALYZER SUMMARY

Congratulations on your purchase of the DRIVESAFE evōc, an innovative breathalyzer that will make your smartphone even smarter.

- This breathalyzer has an electrochemical sensor, the same technology used by police
- It can be connected to an Apple or Android smartphone or tablet through Bluetooth connection
- Powered by 1 AAA alkaline battery
- Can estimate the time it takes to become sober and drive legally
- You can share test results through text messaging, Facebook or Twitter
- Like any other breathalyzer on the market, it requires calibration after 500 tests or once a year, whichever comes first

Contact your local dealer for more details.

# SMARTPHONE APPLICATION

## APPLE DEVICES

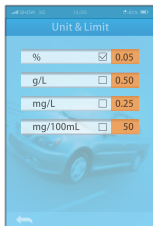
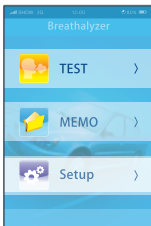
Go to the App Store and download the **DRIVESAFE ev̄oc** app (for iOS 7 and above).

## ANDROID DEVICES

Go to Google Play and search for the **DRIVESAFE ev̄oc** app.

# ALCOHOL LIMIT AND MEASURING UNIT SETTINGS

This step must be performed only at the first use or in the event that changes have been made to your region or country.

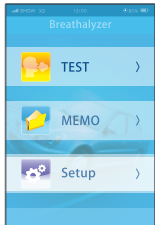


1. Insert a new AAA alkaline battery into the breathalyzer.
2. Activate the Bluetooth feature on your smartphone.
3. Open the **DRIVESAFE evōc** app.
4. Select **Setup**.

5. Set the unit of measurement and the alcohol limit according to your region or country. For example, in Canada, United States and Australia, the alcohol measuring unit is expressed in ‰; in France, Japan and Taiwan, it is expressed in mg/L; in most European countries and Russia, the prevailing measure is ‰; in China and India, the unit is defined in mg/100 ml. The authorized limit can vary within a country, depending on the province. Please check the appropriate unit of measurement of your jurisdiction prior to entering it into the app.

## TESTING PROCEDURES

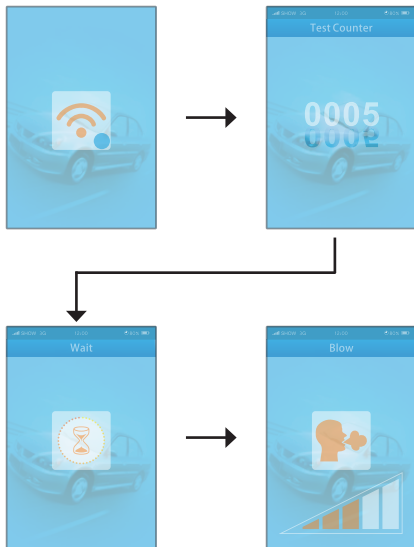
***NOTE: Ensure that Bluetooth connectivity is activated on the smartphone before continuing.***



1. Hold the main button down on the evōc. Release when a beep is heard.
2. Select the **Test** icon.

**Power ON** is displayed and the LED turns green.

**Wireless OK, Tests Counter, Wait** and **Blow** will be displayed in succession.

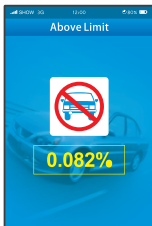
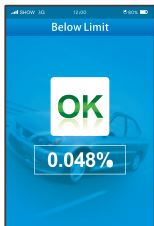


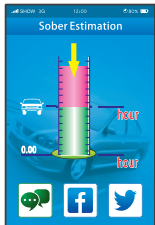


3. Blow into the mouthpiece continuously for 5 seconds and stop when the device clicks. The **Calculation** icon is displayed.

If the result is below the legal limit, **OK** and **Below Limit** with the numeric value is displayed.

If the result is above the legal limit, **Above Limit** with the numeric value is displayed.



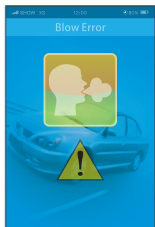


**Sober Estimation** is displayed and will indicate how long it will take to recover sobriety and be fit to drive a vehicle.

4. Select the **Text Message**, **Facebook** or **Twitter** icon to share your results.



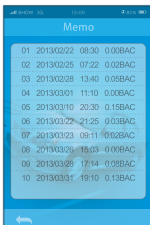
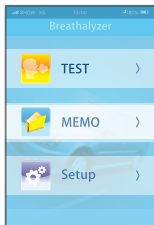
5. At the end of the test cycle, the evōc will shut down automatically. Select the double arrow icon to return to the main menu on the app.



**NOTE:** *If the Blow Error icon appears, the breath sample was too soft, not continuous or not long enough. Repeat the test procedure.*

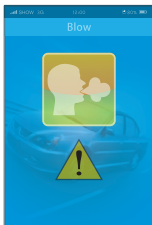
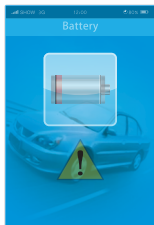
# MEMORY OF PREVIOUS RESULTS

The DRIVESAFE evōc stores the last 500 test results, each with date and time stamps.



# TROUBLESHOOTING

If a  appears below an icon, a potential error may have occurred. Consult the table on the next page for detailed errors and steps on how to fix them.



|                                     |                                                                                                                       |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Low battery</b>                  | The battery needs to be replaced. Use 1 AAA alkaline battery only.                                                    |
| <b>Blow error</b>                   | The breath sample was intermittent, too hard or too soft. Try again.                                                  |
| <b>Calibration error</b>            | The evōc needs to be calibrated. Contact your local dealer for details.                                               |
| <b>Bluetooth error</b>              | There is an error with the Bluetooth connection. Try the connection again.                                            |
| <b>Temperature error</b>            | Indicates that the evōc is not being used under ideal temperature conditions (between 10 and 40 °C or 50 and 104 °F). |
| <b>Improper unit of measurement</b> | Check that the acceptable alcohol limit and unit of measurement conforms to local standards.                          |
| <b>Application stopped working</b>  | Exit the app and try again.                                                                                           |

## WIRELESS ERROR ON APP

If the application continually displays a wireless error, do one of the following:

- Take the proper steps before performing a breath test:
  - i. Power on the breathalyzer*
  - ii. Pair the device with the smartphone via Bluetooth*
  - iii. Select the app icon*
- Restart the breathalyzer by letting it power off automatically after 20 to 50 seconds of inactivity and then go through the breath testing cycle
- Restart the smartphone or re-pair the Bluetooth connection with the breathalyzer
- The app does not give you a low battery indicator. Ensure that the smartphone battery is charged and that the breathalyzer batteries are replaced

## SPECIFICATIONS

|                        |                                         |
|------------------------|-----------------------------------------|
| Sensor:                | Electrochemical sensor                  |
| Power:                 | 1 AAA alkaline battery 1.5V             |
| Detection:             | 0.000 to 0400% BAC (4.00% or 2.00 mg/L) |
| Accuracy:              | +/- 0.005% to 0.05%                     |
| Operating temperature: | Between 10 and 40 °C or 50 and 104 °F   |
| Storage temperature:   | Between 0 and 50 °C or 32 and 122 °F    |
| Blowing time:          | About 5 seconds                         |
| Mouthpiece:            | Includes 5 recyclable mouthpieces       |
| Calibration reminder:  | 500 tests or 1 year                     |
| Memory:                | 500 tests                               |

## **WARRANTY**

All ACS products are warranted to be free of defects in workmanship and materials for one year from the date of shipment.

ACS agrees to replace or repair any defective DRIVESAFE evōc device, provided the defect was not caused by misuse or mishandling.

Any DRIVESAFE evōc device being returned for warranty repair must be properly packaged and shipped prepaid to the authorized dealer's facility.

## **DISCLAIMER**

Sale of the DRIVESAFE evōc personal alcohol tester is on the express condition that neither the manufacturer nor the vendor of the device shall be held responsible for the accuracy of any breath alcohol test reading obtained from the device, nor liable for any loss, damage, injury or other consequence resulting, directly or indirectly, from the use thereof.

