

Dräger



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Ready when you are.
Dräger Interlock® 7000.
Quick start guide for Interlock users

Dräger. Technology for Life®

WHAT IS THE DRÄGER INTERLOCK 7000?

The Interlock 7000 is a reliable and precise alcohol measuring instrument with integrated vehicle immobiliser. It prevents drunk-driving. The Interlock 7000 consists of two components: handset and control unit. The handset measures the alcohol concentration in the breath of the driver. The control unit releases or blocks the power supply to the starter relay of the vehicle, and also records all relevant data. If required by the statutory Interlock programme, the device can be additionally equipped with a camera and / or a GPRS module.

HOW DOES THE DRÄGER INTERLOCK 7000 WORK?

Before you can start the engine, the device measures the alcohol content in your breath. If the measurement result is below the set limit value you can start the engine. If the measured breath alcohol concentration exceeds this limit value the device reliably prevents the engine from being started. Retests are required while driving and are carried out at random intervals. The device gives you the necessary time to stop the vehicle, so that you can carry out the test without being rushed. The Interlock 7000 does not interfere with a running engine. Your driving will not be disrupted by the device.

All data such as initial tests, retests, and possible manipulation attempts are recorded in the control unit and forwarded to the responsible entity.

IMPORTANT TO KNOW

The Interlock 7000 can tell the difference between residual mouth alcohol and breath alcohol. Mouth alcohol caused by food and beverages that contain small amounts of alcohol can affect the test result. You cannot start the vehicle for a pre-defined period of time if a certain breath alcohol concentration is detected. The measurement result is documented in the control unit.



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Interlock® 7000 handset



HOW TO START THE VEHICLE

1. Please wait 15 minutes after consuming alcoholic food or beverages before taking the test.
Remember that even mouthwashes and cigarette smoke can affect the test result.
2. Attach a clean mouthpiece.
3. Switch the ignition on.
4. The following text now appears in the display of the handset:
"Ready for test. Please blow."
5. Take a deep breath and complete the breath test.
6. The visual and acoustic signals of the Interlock 7000 will guide you reliably through the startup process. During the test you will hear the device clicking three times. When you hear the third click, briefly suck in some air. The coloured LEDs and the display will indicate that the breath test is complete.

The following text on the display indicates that you passed the test: "Test OK". A green LED confirms the result. Now, the vehicle can be started.

If the Interlock 7000 detects breath alcohol, the following text appears in the display: "Test not OK". A red LED confirms the result. In this case, the vehicle cannot be started.



TIPS FOR USING THE DRÄGER INTERLOCK 7000

- Wait 15 minutes after consuming alcoholic food or beverages. Even mouthwashes or cigarette smoke can affect the test result.
- Store the mouthpiece and handset as clean and dry as possible.
- Attach a mouthpiece to the handset before using the device.
- Make sure ambient air does not contain alcohol or solvent vapours.
- If you are asked to take a retest, stop the vehicle safely, e.g., at the roadside. This gives you the opportunity to take the breath test with the engine running and without being hurried.
- If retests are refused and in case of manipulation attempts, the service period of the Interlock 7000 is automatically reduced. This then requires an additional visit to the service shop. Moreover, these events are logged by the device and forwarded to the responsible entity.



WHAT HAPPENS IN CASE OF A FAILED INITIAL TEST?

In case of a failed initial test the control unit blocks the engine start. A time-out for the Interlock 7000 is then activated. After a defined period of time you get the opportunity to take a new initial test. A countdown on the display shows the time remaining until the next initial test.

WAS THE BREATH SAMPLE SUBMITTED CORRECTLY?

If an error occurs during the breath test, the device will alert you with audible and visual signals. If you hear a beep during the measurement, stop blowing and look at the display. The following guidelines will help you to find and eliminate the problem:

- “Blow longer”
- “Blow stronger”
- “Suck after blow”

Press the “OK” button to take a new test.

RETESTING WHILE DRIVING

Retests are required at random intervals. They are announced by an acoustic signal and a message on the display. The blue LED light is an additional indicator. Once the device starts to beep and the text "Retest Please blow." appears on the display, you should do the following:

1. Stop your vehicle safely and with running engine. Do not worry – you have enough time to take the breath test. The Interlock 7000 will remind you several times of the retest.
2. Take the breath test while the engine is running.
3. Take a deep breath and blow into the mouthpiece of the handset. This is the same process as with the initial test.
4. You can continue driving as soon as the LED lights up green and the text "Test OK" appears on the display.

When failing the retest, the LED lights up red and "Test not OK" appears on the display. This is considered an irregularity and logged in the memory of the control unit. The Interlock programme determines what is considered an irregularity and what will be the consequences.

IRREGULARITIES

Certain events are defined as irregularities in every Interlock programme. This may include the refusal to take the retest. A shorter service period is the result of an irregularity. A request to visit the service shop within the next few days appears in the display. Failure to do so will result in a permanent block being applied, and the vehicle cannot be started anymore.



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DRÄGER INTERLOCK 7000: MAINTENANCE AND SERVICE

The Interlock programme defines at which intervals the data must be downloaded in the service shop. During these service shop visits the Interlock 7000 is also serviced. The device notifies you about the upcoming appointment ahead of time. The device will be permanently blocked and you cannot start the vehicle if you miss your appointment.

Regular maintenance includes the following services:

- Functional checks
- Calibration
- Software update
- Downloading stored data
- Checking the integrity of the device



YOUR RELIABLE SERVICE PARTNER

Our service network includes numerous partner shops. Competent staff at these locations installs your equipment and carries out service tasks. You can always rely on accurate measurement results and full functionality of the Interlock 7000. In addition, all events stored by the alcohol interlock can be quickly downloaded and forwarded to the responsible entity. The downloaded data cannot be viewed by the service technician in the shop. All data is encrypted and protected from unauthorised access.

Please visit www.draeger.com/interlock
for more information

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