

Dräger Interlock® 7500 Alcohol Ignition Interlock Device

The Dräger Interlock® 7500 is an alcohol ignition interlock device which prevents a person under the influence of alcohol from starting the vehicle. The Interlock® 7500 has a quick start-up time. Additionally, the device can be equipped with a camera, a GPS and/or a mobile data transfer module, according to the specific customer requirements.



Benefits

Reliable prevention of driving under the influence of alcohol

An Interlock 7500 is an in-vehicle breathalyzer, which can be used preventively in public transportation, freight transport and in the workplace to reduce the risk of driving under the influence of alcohol. The Interlock 7500 is also used in many countries for legal measures, as part of drunk-driving offender programs (DUI/DWI). In these countries, offenders who were caught with a blood alcohol level over a certain limit have to use an Interlock device in their cars. Reliable results, tamper-proof data recording and data management play a key role in these programs.

How the Interlock 7500 works

The Interlock 7500 consists of two components: handset and control box. In the handset the breath sample is analyzed. The control box releases the ignition of the vehicle. Once the vehicle's ignition is switched on, the Interlock 7500 requests a breath test from the driver. If the device detects an alcohol level (BrAC) above the set limit, it prevents the vehicle from being started. The device helps to systematically eliminate alcohol-related risks of accidents and to prevent impaired driving.

Quick operational readiness

Particular features of the Interlock 7500 are the extremely short warm-up and its quick readiness for use. At temperatures of more than 0 °C it is ready for immediate use. At temperatures below 0 °C the ignition interlock is still quickly ready for use. With an approved temperature range of -40 °C to 85 °C, it ensures that the device works reliably under all kinds of ambient conditions.

Easy operation of the alcohol interlock

The design of the Interlock 7500 is appealing and ergonomic and with the mouthpiece on the back of the handset hence, not easily recognized as an alcohol ignition interlock device. The hygienic mouthpieces of the Interlock 7500 are completely biodegradable. The breath sample can be given in no time. The navigation on the color display makes the use of this device easy and intuitive. Additionally, colored LEDs on the device enhance the ease of use for the user.

Safe data handling

The data log of the Interlock 7500 saves all relevant events such as date, time, submission or refusal to submit an alcohol test, measured alcohol concentration, vehicle starts and stops and any attempts to tamper with the interlock device. Downloaded data is available to authorized persons only. From creation to distribution of the data special encryption methods guarantee data protection.

Benefits

Mobile data transfer module

If the Interlock 7500 is equipped with an additional mobile data transfer module, it is possible for certain predefined events to transmit data automatically to the responsible entity or person via a cellular network. This event can, for example, be an attempt to start the vehicle under the influence of alcohol.

Vehicle fleets can use the mobile data transfer module to integrate the Dräger Interlock 7500 via an interface into an already existing fleet management system or to realize a system-independent solution along with the mobile data transfer module.

Camera

The Dräger Interlock 7500 can be equipped with a camera for applications where it is a legal requirement or for special customer requirements. The camera records the submitted breath samples with images. It can be easily installed in any vehicle. The infrared technology ensures good image quality, regardless of whether it is day or night.

Reliable measurement technology

The Interlock 7500 specifically measures alcohol. The test result is reliable and precise. Also, attempts to bypass or tamper with the device are reliably identified and stored in the system. The device is able to identify whether the alcohol detected in the breath sample is actual breath alcohol or only mouth alcohol.

Proven Dräger technology

With more than 65 years of experience, Dräger is a world market leader in breath alcohol testing. The Alcotest product range is used by police forces in many countries for traffic control. The Interlock 7500 uses the proven sensor technology of the Alcotest. Alcohol ignition interlocks by Dräger have been successfully established for more than 25 years.

Details



D-86333-2013

1. Switch on ignition



D-36283-2021

2. Request to provide a breath sample



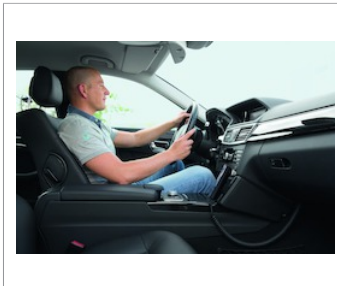
D-36287-2021

3. Measurement of breath alcohol concentration



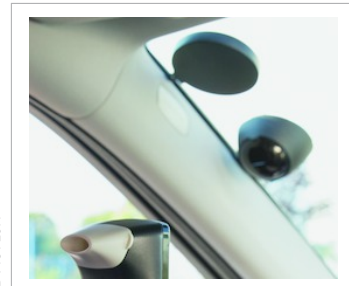
D-36299-2021

4. Breath sample accepted: Ignition is enabled



D-36303-2021

5. Drive Safely



D-7454-2014

6. Camera used in offender programs (if required).

Accessories



D-18888-2017

Mouthpieces

The hygienic mouthpieces of the Interlock® 7500 are completely biodegradable.