

Reinventing the Ignition Interlock Dräger Interlock™ 7000

When public safety on the road is your highest concern, the Dräger Interlock™ 7000 should be your first choice. The 7000, an ignition interlock device, prevents a vehicle from starting if the driver's breath alcohol concentration is higher than a preset limit. In addition, an intelligent camera, mouth alcohol detection, and GPRS options support today's evolving compliance regulations.



SIMPLE AND EFFECTIVE

The Interlock 7000 is accurate, highly reliable, and very easy to use. Once the vehicle's ignition is switched on, the device requests a breath sample from the driver. If the device detects an alcohol value above the preset limit, it prevents the engine from being started.

SOBER DRIVER VERIFICATION SYSTEM™

The Interlock 7000 goes one step further to ensure that a sober driver is behind the wheel. An intelligent camera module can detect a change in the driver of the vehicle. When a change is detected, the device will require a breath sample to confirm sobriety.

READY WHEN YOU ARE

The Interlock 7000 has the fastest warm-up time in the industry. In fact, if it is above freezing, the Interlock 7000 will be ready for use in less than 4 seconds. With an operating temperature range of -40 °F to 185 °F, the Interlock 7000 will be ready to use when it is needed.

INTUITIVE AND DISCREET

The Interlock 7000 guides the user with easy-to-understand messages and colored LED lights. Because of its sleek design and rear-mounted mouthpiece, the Interlock 7000 is not readily identifiable as a breathalyzer.

D-SYNC™ TECHNOLOGY PROVIDES NON-COMPLIANCE ALERTS

The benefits of the Dräger Interlock™ 7000 are not only for the users. For Monitoring Agents, the 7000 can come equipped with D-Sync™, a mobile data transfer module that, when enabled, synchronizes new data with D-Safe™, Dräger's data management system. This technology makes it possible to receive notification of a violation in real-time, as it occurs. Each agency can customize the events that trigger these reports and access the data on-demand.

ADDITIONAL INNOVATIONS

To reduce unnecessary lockouts, the Dräger Interlock™ 7000 is able to distinguish breath alcohol from mouth alcohol*, such as mouthwash.

The 7000 also includes highly advanced technology – such as algorithms, humidity sensors and additional flow sensors – to help prevent bypass or tampering attempts, and records any attempts in the data log for use by the monitoring agency.

*Check for availability of optional features in your jurisdiction

For Compliance with an Ignition Interlock Restriction Only



D-101046-2013

Dräger Interlock™ 7000 handset



D-98751-2013

Dräger Interlock™ 7000 camera



D-90642-2013

Dräger Interlock™ 7000 GPS module

BUILT ON PROVEN DRÄGER TECHNOLOGY

With more than 60 years of experience, Dräger is the world leader in breath alcohol measurement devices. Our ignition interlock devices are built on the proven

technology of our Alcotest® line of breath alcohol instruments, which are trusted by police departments worldwide. This same heritage of excellence is behind the Dräger Interlock™ 7000: the ignition interlock, reinvented.



D-85333-2013

1. Switch on the ignition.



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2. When the device is ready, provide a breath sample.



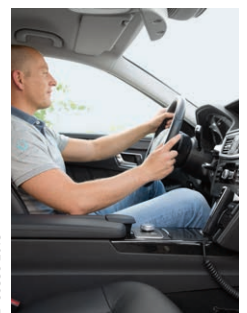
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3. The device analyzes the sample within seconds.



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4. If alcohol concentration is below the preset limit, the display shows "Test passed".



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5. Start the engine and drive safely!



Ready for testing.



Providing breath sample.



Breath test accepted, engine can be started.

TECHNICAL DATA

Measuring principle	Electrochemical sensor
Ambient conditions for operation	Temperature -40 °F to 185 °F (-40 °C to 85 °C)
Ready for test	< 4 seconds above 32 °F (0 °C) < 60 seconds at -4 °F (-20 °C) < 110 seconds at -40 °F (-40 °C)
Display	Graphic color display in handset with full text messages
Calibration interval	Depends on state requirements. Usually 30 – 60 days.
Data memory	In control box, for up to 500,000 events
Dimensions	Handset approx. 5.4" × 2.4" × 1.4" Control unit approx. 5.8" × 3.5" × 1.3"
Weight	Handset approx. 6.28 oz (178 g) Control box approx. 10.58 oz (300 g)
Voltage supply	12 V to 24 V
Relay for the lead starter relay	< 16 A continuous, < 40 A peak, relay may switch up to 48 V
Current consumption	< 2 A maximum, < 1 mA stand-by
Approvals	General German Operating Permission (Allgemeine Betriebserlaubnis); EN 50436-1:2013, EN 50436-2:2013, E1 mark, ECE Regulation No. 10 and Directive (EC) No. 661/2009 (with last applicable amendment) meets NHTSA Model Specifications for BAIDs
Data transfer	Infrared, Bluetooth, GPRS

Dräger Alcotest, Dräger Interlock, Sober Driver Verification System, D-Safe and D-Sync are trademarks of Dräger.

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