

Ribble Enviro
...everything gas detection

Data Sheet

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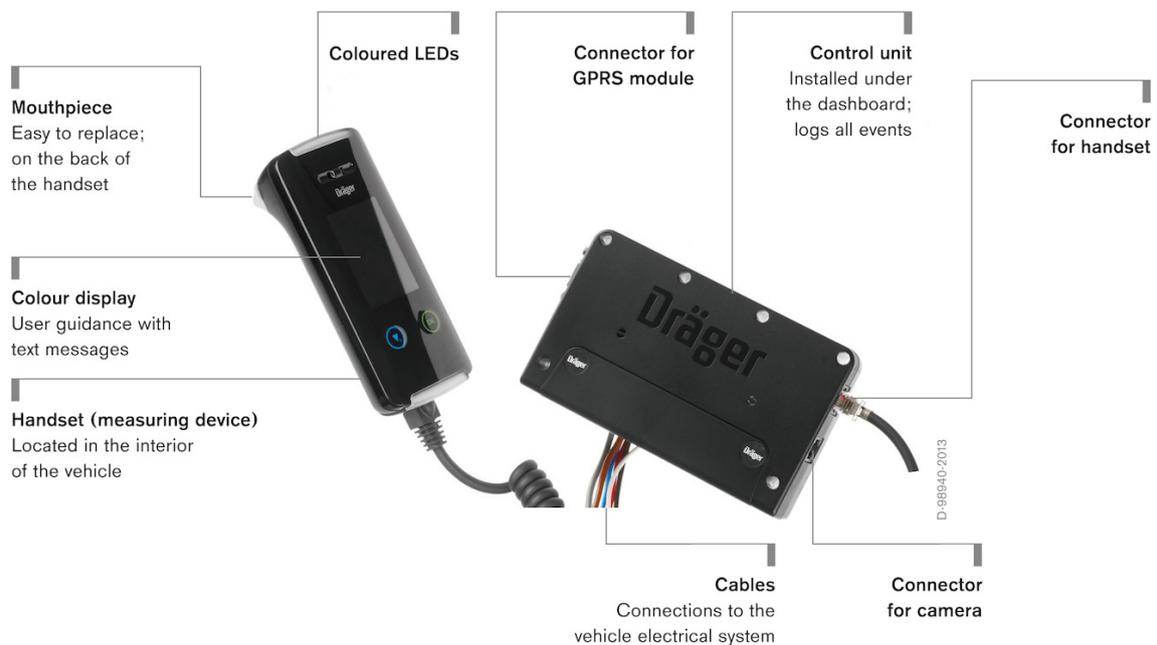
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Dräger Interlock® 7000 Alcohol Ignition Interlock Device

The Dräger Interlock® 7000 is an alcohol ignition interlock device which prevents a person under the influence of alcohol from starting the vehicle. The Interlock® 7000 has a quick start-up time. Additionally, the device can be equipped with a camera and/or a GPRS module, according to the specific customer requirements.



Benefits

Easy operation

The Interlock 7000 consists of two components: handset and control unit. In the handset the breath sample is analysed. The control unit releases or blocks the starter relay of the vehicle. Once the vehicle's ignition is switched on, the Interlock 7000 requests a breath sample from the driver. If the device detects an alcohol value above the set limit, it prevents the engine from being started. The device helps to systematically eliminate alcohol-related risks of accidents and to stop drink driving.

Quick operational readiness

Particular features of the Interlock 7000 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 Interlock 7000 is still quickly ready for use. With an approved temperature range of -45 °C to 85 °C, it ensures that the device works reliably under all kinds of ambient conditions.

Modern design

The design of the Interlock 7000 is appealing and ergonomic, with the mouthpiece on the back of the handset – hence, not easily recognised as an alcohol ignition interlock device. The hygienic mouthpieces of the Interlock 7000 are completely biodegradable. The breath sample can be given in no time. The navigation on the colour display makes the use of this device easy and intuitive. Additionally, coloured LEDs on the device enhance the ease of use for the user.

Safe data handling

The data log of the Interlock 7000 saves all relevant events such as date, time, submission or refusal to submit a breath sample, measured alcohol concentration, engine starts and stops and any attempts to tamper with the device. The data is transferred from the control unit to the PC via an infrared interface or via Bluetooth. Downloaded data is available to authorised persons only. From creation to provision of the data special encryption methods guarantee data protection.

GPRS module

If the Interlock 7000 is equipped with an additional GPRS module it is possible for certain predefined events to transmit data automatically to the responsible entity or person via the GPRS module. This event can, for example, be an attempt to start the engine under the influence of alcohol.

Camera

The camera documents the submitted breath samples with pictures. It can be easily installed in each vehicle. The infrared technology ensures good image quality, regardless of whether it is day or night.

Benefits

Reliable measurement technology

The Interlock 7000 specifically measures alcohol. The measuring result is reliable and precise. Also, attempts to bypass or manipulate 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 60 years of experience, Dräger is world market leader in breath alcohol measurement. The Alcotest product family is used by police authorities in many countries for traffic control. The Interlock 7000 uses the proven sensor technology of the Alcotest. Alcohol ignition interlocks by Dräger have successfully established for more than two decades.

Accessories



Mouthpieces

The hygienic mouthpieces of the Interlock 7000 are completely biodegradable.

Accessories



Holders

Different holders to mount the handset in the driver's compartment.



Handset Protector

Rubber band for additional protection of the display



Interlock 7000 camera

The camera is fully integrated into the Interlock 7000 and documents the submitted breath samples with pictures.



Interlock GPRS module

If the GPRS module is legally required in the drunk driver program it can transfer data automatically to the responsible authority.

Related Products

D-81942-2013



Dräger Interlock® 5000

The Dräger Interlock® 5000 is an alcohol measuring instrument with vehicle immobiliser. After a simple breath alcohol measurement it ensures a safe start in road traffic. The alcohol interlock measures the alcohol concentration in the breath of the driver and releases the engine only if the breath test was passed.

D-45484-2015



Dräger Alcotest® 3820

The Dräger Alcotest® 3820 offers responsible drivers a reliable way to test their breath alcohol and gives them the assurance of being legal to drive. This is ensured by precise measurement technology identical to that used by the police: over 30 million breath alcohol tests a year.

D-46404-2015



Dräger Alcotest® 5820

The Dräger Alcotest® 5820 allows the professional user to perform a breath alcohol test with speed and precision. The measuring technology of this small and user-friendly portable measuring device has already proven in over 200,000 units in use worldwide today.

D-74696-2013



Dräger Alcotest® 6820

Keeping the roads safe and free of impaired drivers is an unpredictable and high stress job. Dräger designed the Alcotest® 6820 handheld breathalyzer specifically for the needs of law enforcement officers. It's easy to use and provides fast, reliable results in the toughest environments you face when every second matters.

Related Products



ST-15093-2008

Dräger Alcotest® 7510

This compact and robust handheld breath alcohol measuring device is especially designed for advanced screening applications. Ideal for use by police, commerce and industry as an alcohol screening device. The Alcotest® 7510 can in many countries and markets be used as an evidential device.



D-43786-2015

Dräger Alcotest® 9510

The Dräger Alcotest® 9510 is an advanced breath alcohol measuring instrument for evidential applications. It is designed to comply with national and international requirements and regulations (OIML R 126). With dual sensor technology, intuitive color touch screen interface, and modern design the Alcotest® 9510 sets superior standards.



D-42702-2015

Dräger DrugCheck® 3000

Use the Dräger DrugCheck® 3000 to find out within minutes if a person recently consumed certain drugs. The compact and quick oral fluid based drug test yields reliable results affordably and easily. The device does not require electricity and can be used anywhere.



D-54720-2012

Dräger DrugTest® 5000

No pipetting, no drips, no timing: Collecting an oral fluid sample is quick and easy with the Dräger DrugTest® 5000. The collected sample can then be analysed immediately for accurate results on the spot.

Technical Data

Measuring principle	Electrochemical sensor
Ambient conditions for operation	Temperature - 45 °C to 85 °C
Readiness for use	< 4 sec. (above 0 °C) < 60 sec. (at -20 °C) < 110 sec. (at -45 °C)
Display	Graphic colour display in handset with full text messages
Calibration interval	typically 12 months
Data logger	in the control unit, for up to 500.000 events
Dimensions (H x W x D)	Handset approx. 138 mm x 61 mm x 36 mm Control unit approx. 148 mm x 90 mm x 32 mm
Weight	Handset approx. 178 g Control unit approx. 300 g
Power supply	12 V to 24 V
Switch relay for the starter relay line	< 16 A continuous, < 40 A peak, output relay may switch up to 48 V
Power consumption	< 2 A maximum, < 1 mA stand-by
Approvals	General German Operating Permission (Allgemeine Betriebserlaubnis Deutschland); EN 50436-1:2014, EN 50436-2:2014, E1 mark, ECE Regulation No. 10, and Directive (EC) No. 661/2009 (with last applicable amendment), NHTSA:2013, AS 3547 Type 4
Data transfer	Infrared interface, Bluetooth

Ordering Information

Dräger Interlock® 7000	83 22 570
Breath alcohol-controlled vehicle immobiliser (handset and control unit) for installation in motor vehicles, mouthpieces (3 pieces)	
Dräger Interlock® 7000 GPRS module	83 22 534
Dräger Interlock® 7000 camera	83 22 413
Mouthpieces (5 pieces), individually packed	83 26 550
Mouthpieces (300 pieces), individually packed	83 22 597
Handset Protector	83 22 458
Handset Holder I	83 22 497
Handset Holder II	83 22 610

Notes

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