

Dräger Alcotest® 7510 Alcohol Screening Device

The Dräger Alcotest® 7510 is a compact and robust handheld breath alcohol measuring instrument, especially designed for advanced screening applications. Ideal for use by police as well as in commerce and industry as an alcohol screening device, it can also be used for evidential testing purposes, subject to relevant local and market sector approvals.



Large, illuminated display

- Clear and well readable display of text messages – even in difficult lighting situations like direct sunlight or darkness
- Individually adjustable: additional color coding of the measuring results

IR module

- Infrared interface fixture for comfortable data transfer to Dräger mobile printer or PC
- The fixture can be permanently attached with a PC via USB cable: the USB cable will not need to be frequently removed

Sophisticated charging and storage receptacle

- Maximum flexibility in attaching and charging the device – on the wall, in vehicles or on tables

Mouthpiece eject button

- Quick and easy removal of the standard mouthpieces after testing
- The operator does not come in contact with the mouthpieces

Easily operable menu buttons

- Control all measurements – via a single button
- Quick and easy menu navigation with two additional buttons (UP/DOWN)

Robust, splash-proof housing

- Ergonomically shaped – suitable for right and left handers
- Non-slip rubberized surface

ST-15093-2008

Benefits

Ergonomic design

The Dräger Alcotest 7510 is a compact and robust handheld instrument which, thanks to its special ergonomic design, is suitable for right or left handed users. A non-slip rubber housing offers optimal grip.

State-of-the-art sensor technology

The Alcotest 7510 ensures short test intervals and precise measurements. A built-in heating element prevents condensation and ensures quick and accurate measurements even at sub-freezing temperatures. Dräger's fuel cell is alcohol specific and assures unsurpassed reaction and recovery performance.

Transflective Display

The device incorporates an innovative transflective, high resolution graphic LC display. The backlit display provides clear, unabbreviated, selectable multi-language test messages ensuring legibility in bright sunlight as well as total darkness. In addition, three light emitting diodes (LEDs) support the information displayed.

Hygienic and safe

The device complies with the maximum in hygiene requirements. The sterile disposable mouthpiece employs a special tab to assure a safe distance between the operators hand and the subject's mouth. For superior hygiene, the Alcotest 7510 has a special mouthpiece ejection mechanism. The instrument's mouthpiece receiver is illuminated for easy mouthpiece placement even in full darkness.

Mouth alcohol detection

The Alcotest 7510 represents the first handheld EBT capable of detecting mouth alcohol! This technological advancement is made possible through the employment of a piezo-electric activator as part of this system.

GPS Technology

The Alcotest 7510 offers a GPS module recognizing the exact geographical location where a breath test is performed. Uploading these coordinates to a central computer, the administrator has the ability to establish a map showing the DUI-arrest-density. Furthermore, this technology allows for precise determination of where the test was conducted for possible administrative processing of a specific DUI stop.

High flexibility

The Dräger Alcotest 7510 can be used immediately in any environment. The flexible data management, the high memory capacity as well as the option of wireless data transfer to the Dräger Mobile Printer or a computer allow for easy adjustment to national and international specifications. Via the ambient pressure sensor, the device automatically compensates for any ambient barometric conditions when performing dry-gas tests.

Accessories

ST-178-2004



Mouthpieces (slide'n'click)

Mouthpieces in packs of 100, 250 and 1000, with or without breath return stop

D-9486-2014



Power packs

Alkali batteries or NiMH battery

ST-14738-2008



Car charger

Order no.: 83 20 252

ST-14736-2008



Power supply

Power pack (current source) or car charger unit

Accessories



Charging cradle

Consisting of base, insert to receive the measuring instrument, wall mount



PC-Connection cable with Mini-USB

Order no.: 83 18 657



IR module

Infrared interface fixture for Alcotest 7510 holster for data transfer



IR module + holster

Consisting of holster and IR module

Accessories



Holster Set

Consisting of holster, belt loop, and cover lug



Leather bag

Black leather bag to fasten at the belt



System case

Case for the Dräger Alcotest 7510 and the Dräger Mobile Printer



Dräger Mobile Printer

The Dräger Mobile Printer prints breath alcohol and drug test measurement results without using a dedicated power supply. Operates on 4 AA batteries.

Related Products

D-58898-2012



Dräger Alcotest® 5510

As entry level model of the successful Dräger Alcotest® 6510 the Dräger Alcotest® 5510 offers professional users precise and quick breath alcohol analysis in a user-friendly and compact form. Thanks to its wide range of possible configurations, the handheld instrument can be easily adapted to meet different international regulations and guidelines.

D-234-2010



Dräger Alcotest® 6810

The Dräger Alcotest® 6810 offers professional users precise and quick breath alcohol analysis in a user-friendly and compact form. Thanks to its wide range of possible configurations, the handheld instrument can be easily adapted to meet different international regulations and guidelines.

D-74696-2013



Dräger Alcotest® 6820

Dräger Alcotest® 6820 is the logical successor to the successful Alcotest® 6810. The compact hand-held measuring instrument Alcotest® is quickly ready for use and is adaptable to international guidelines. With an even more sturdy enclosure and the proven Dräger sensor, Alcotest® 6820 is a reliable partner for breath alcohol analyses.

ST-430-2006



Dräger Alcotest® 9510

The Dräger Alcotest® 9510 is a sophisticated dual sensoric breath alcohol measurement instrument. With ease of use, modern design, touch screen graphic display and several communication connections to peripheral devices, the Alcotest® 9510 sets superior standards.

Related Products

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.

ST-13226-2007



Dräger DCD 5000

Simple, fast and secure detection of intoxicants and drugs: The Dräger DCD 5000 does not only enable an easy collection of saliva, you can also store the samples and send them to the laboratory for analysis – without the sample being falsified along the way.

D-6296-2009



Dräger SSK 5000

Ideal for surface drug testing applications, the Dräger SSK 5000 sampling system is quick and easy to use. When used with the Dräger DrugTest 5000, the sample can be transferred to a test cassette and screened for possible drug contamination. The sample can also be stored and transported for further testing.

D-98730-2013



Dräger Interlock® 7000

The Dräger Interlock® 7000 is an alcohol ignition interlock device. After a breath alcohol measurement it prevents a drunk driver from starting the vehicle. The Interlock® 7000 is very quickly ready for use. Additionally, the device can be equipped with a camera and/or a GPRS module, according to the specific customer requirements.

Technical Data

Dräger Alcotest® 7510

Principle of measurement	Electrochemical DrägerSensor in ¼" technology; alcohol-specific
Measurement range	0 to 3.0 mg/L (if measurement range limit it exceeded a message is displayed).
Sampling	Standard Sampling: Automatic when the minimum volume is reached. Passive Sampling: without mouthpiece or manual initiation of sampling is possible. The device can detect residual mouth alcohol during the delivery of the breath sample (if this option is activated).
Ready for use	After approx. 6 s of switching on (temperature-dependent)
Display of measurement result	After approx. 3 s (at 0 mg/L); after approx. 10 s (at 0.5 mg/L, room temperature)
Operating temperature (temperature range is monitored)	-10 to +50 °C (14 to 122 °F)
Display	Graphic backlit LCD display (128 x 169 pixels); 35 mm x 45 mm (1.38" x 1.77")
LED	3 light emitting diodes (LEDs) in red, yellow and green to support display and warning messages
Audible signal	Different signal tones to support display messages and warnings
Datalogger	Storage of > 5,000 tests with test numbers, date and time
Power supply	Four AA alkaline or NiMH batteries, charge status is displayed. Approx. 1,500 breath tests can be performed with one set of batteries. Optional: Lithium-Ion batteries can perform approx. 50% more measurements than with NiMH rechargeable batteries.
Calibration	Wet gas or dry gas calibration. Optional: with absolute pressure sensor for the compensation of atmospheric pressure during dry gas calibration
Dimensions (H x W x D)	Approx. 183 mm x 87 mm x 44 mm / 7.2" x 3.4" x 1.7
Weight (including four NiMH batteries)	Approx. 430g (0.96 lbs)
Instrument configuration	Direct menu-guided configuration of instrument settings (PIN required). Additional configuration via PC software
Vibration and shock	Conforms to EN 60068-2-6, EN 60068-2-29
CE marking	Directive 2004/108/EC (electromagnetic compatibility) RoHs Compliance
Data interfaces	IR (via IR Module) and USB for connection to a PC; IR connection to the Dräger Mobile Printer for documentation and data entry (when a keyboard is attached to the Dräger Mobile Printer)

Ordering Information

Dräger Alcotest® 7510

Dräger Alcotest® 7510

Consisting of: measuring device 7510 (mouthpiece positioning from the right), case, 3 mouthpieces, USB-cable and Product-CD

Dräger Alcotest® 7510, modular system

Order-No.

83 19 760

83 19 700

Ordering Information

Configured to customer's requirements and is available with a selection of modules (e.g. GPS, Li-ion batteries and absolute pressure sensor)

Accessories

Mouthpieces "Standard" (slide'n'click) (100 pieces) each individually packed	68 10 690
Mouthpieces "Standard" (slide'n'click) with non-return valve (100 pieces), each individually packed	68 11 055
Power Supply Unit (constant current) charging NiMH batteries (18 900 92) inside of the Dräger Alcotest® 7510	83 16 991
Car charger 600 mA charging NiMH batteries (18 900 92) inside of the Dräger Alcotest® 7510 using a direct connection to the 12 V DC supply of a motor vehicle.	83 20 252
Dräger Alcotest® 7510 Holster Set Consisting of: holster, belt clip, protective cover with velcro fastenings (e.g. to attach inside vehicles). The device can still be used whilst in the holster.	83 19 761
Dräger Alcotest® 7510 Desktop Charging Cradle Consisting of: charging cradle base unit, charging cradle adapter and wall bracket. To charge the Dräger Alcotest® 7510 with power supply unit (83 16 991) and car charger 600 mA (83 20 252).	83 19 762
Dräger Alcotest® 7510 IR-Module Infrared Interface Adapter for use with the Dräger Alcotest® 7510 Holster Set to enable data transfer. The adapter is connected to a PC using a USB-cable, thus minimising the need to frequently connect and disconnect the cable from the instrument.	83 19 763
Dräger Alcotest® 7510 IR-Module and Holster Set Consisting of: Dräger Alcotest® 7510 Holster and IR-Module (83 19 763). Use in conjunction with 83 19 765 for mobile use. Use in conjunction with 83 19 762 for stationary use.	83 19 764
Dräger Alcotest® 7510 Holster Mobile Upgrade Consisting of: belt clip, protective cover and velcro fastenings. Can be seen as an upgrade to the Dräger Alcotest® 7510 IR- Module (83 19 764) or as a spare part kit to the Dräger Alcotest® 7510 Holster Set (83 19 761)	83 19 765
Dräger Alcotest® 7510 System Case With space to accommodate the Dräger Alcotest® 7510 instrument, the Dräger Mobile Printer, mouthpieces, batteries, paper rolls, charging cable, USB-Cable, keyboard etc.	83 23 890
Dräger Mobile Printer	83 19 310
Printer paper (5 rolls), 7 year shelf life	83 19 002
Printer paper (5 rolls), 25 year shelf life	83 18 461
"Compact" Keyboard (QWERTY), English, for PS/2	83 15 497
"Compact" Keyboard (QWERTZ), German, for PS/2	83 15 095
"Compact" Keyboard (AZERTY), French, for PS/2	83 15 142
PC communication cable with Mini-USB for use with the Dräger Mobile Printer	83 18 657

Notes

CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
www.draeger.com

MANUFACTURER

Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany

REGION EUROPE CENTRAL AND EUROPE NORTH

Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany
Tel +49 461 882 0
Fax +49 461 882 2080
info@draeger.com

REGION EUROPE SOUTH

Dräger Safety France SAS
25, rue Georges Besse
92182 Antony Cedex
Tel +33 1 46 11 56 00
Fax +33 1 40 96 97 20
europe.south@draeger.com

REGION MIDDLE EAST, AFRICA

Dräger Safety AG & Co. KGaA
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
Tel +971 4 4294 600
Fax +971 4 4294 699
contactuae@draeger.com

REGION ASIA PACIFIC

Draeger Safety Asia Pte Ltd
25 International Business Park
#04-20/21 German Centre
Singapore 609916
Tel +65 6308 9400
Fax +65 6308 9401
asia.pacific@draeger.com

REGION CENTRAL AND SOUTH AMERICA

Dräger Panama S. de R.L.
Complejo Business Park,
V tower, 10th floor
Panama City
Tel +507 377 9100
Fax +507 377 9130
contactcsa@draeger.com

Locate your Regional
Sales Representative at:
www.draeger.com/contact

