

Dräger Alcotest® 6810 Alcohol Screening Device

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.



Practical mouthpiece receptacle

- Don the mouthpiece quickly and safely – even in dark environments
- Very easy to operate with either left or right hand

„Slide’n click“ mouthpiece

- Intuitive to don – even by untrained personnel
- Hygienically and individually packaged
 - Manipulation-proof, non-closable air outlet

Large, illuminated display

- Easily understandable full text messages
- Individually adjustable: additional color coding of the measuring results

Easily operable menu buttons

- Quick view of the last ten measuring results
- Simply scroll through the settings for easy device configuration

OK key

- Conduct all measurements with just a single key

Robust, splash-proof housing

- Always at hand: shirt-pocket size for easy transport
- Comfortable to hold and operate for both right handers and left handers

D-234-2010

Benefits

“Slide’n’click” mouthpiece

The shape of the mouthpiece means you will intuitively fit it correctly. An air outlet which cannot be obstructed prevents any manipulation when the breath sample is given. The individually packaged mouthpieces can be attached to the instrument easily and hygienically.

Optimized instrument interaction

Interaction between operator and instrument takes place via the backlit display with its easily comprehensible plain text messages. A light emitting diode with different colours and audible signals support the display.

Documentation, datalogger

The Dräger Alcotest 6810 has an optical interface to transfer data for generating a test protocol on a printer. The last 2000 measurement results with their respective test numbers, date and time are stored in the datalogger. Individual results can either be called up from the log by pressing the menu keys or transferred to a PC.

Low energy consumption

The Dräger Alcotest 6810 also allows the use of NiMH batteries which can be charged inside the instrument. More than 1,500 breath alcohol tests can be conducted on just two mignon batteries (AA size).

Quick and precise analysis

The 1/4"-Dräger Sensor with its optimized gas dynamics measures specifically alcohol. Even at high alcohol concentrations direct gaspaths, fast pneumatic components and short reaction times of the sensor ensure the measurement result will be displayed quickly.

Rapid ready for use

The latest technology ensures that the instrument is ready for use in a very short time.

Safe and easy to use

Automatic sampling and calibration processes make the instrument easy to use. All measurement functions are controlled via a single key, while menu navigation is by two menu keys. The special way the mouthpieces are designed means they can be fitted quickly and securely even in poor light conditions. Thanks to its compact dimensions, the Dräger Alcotest 6810 even fits into a shirt pocket. The ergonomic design makes the instrument equally easy to use for right and left-handed people.

Accessories

ST-178-2004



Mouthpieces (Slide'n'click)

Mouthpieces are supplied in packs of 100, 250 and 1,000 with and without non-return valve.

ST-8404-2006



Printer

Dräger Mobile Printer or Mobile Printer modular options as special options.

ST-210-2004



Leather pouch

Leather pouch in black or yellow for belt fastening

D-77349-2013



System case

Case for the Alcotest 6810 and the Dräger Mobile Printer

Accessories



D-9486-2014

Power supply

Alkaline batteries or set of rechargeable batteries for 6810.



D-12913-2009

Power Supply

For Akku-Set 6810



ST-14738-2008

Car charger

Order no.: 83 20 252



D-12910-2009

PC connection cable with USB interface

Order no.: 83 19 715

Related Products

ST-1687-2005



Dräger Alcotest® 6810 med

The Dräger Alcotest® 6810 med is a special version of the proven Dräger Alcotest® series. It has been designed for diagnostic applications, where the CE marking for medical products is necessary. In addition to the electrochemical DrägerSensors high quality and proven reliability, the Dräger Alcotest® 6810 med offers a variety of features that ease daily practices within the medical field.

D-58688-2012



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-74686-2013



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-15093-2008



Dräger Alcotest® 7510

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.

Related Products



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.



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-19226-2007

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.

Technical Data

Principle of measurement	Electrochemical DrägerSensor in 1/4" technology; alcohol-specific
Measurement range	0 to 2.5 mg/L; if measurement range limit is exceeded, a message is displayed
Sampling Standard	automatic sampling when minimum volume is reached Passive sampling without mouthpiece or manual initiation of sampling possible
Ready for use	Approx. 6 s after switching on
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	-5 to +50 °C / 23 to 122 °F
Display	Graphic backlit LCD display; 41 mm x 24 mm / 1.6" x 0.9" (128 x 64 pixels)
LED	3-colour, to support display and warning messages/ optical interface for printer
Audible signal	Different signal tones to support display messages and warnings
Datalogger	Storage of last 2000 tests with test numbers, date and time
Power supply	Two AA alkaline or NiMH batteries. Charge status displayed. Approx. 1,500 tests can be performed on one set of alkaline batteries. Internal charging of NiMH batteries possible.
Calibration	Wet gas or dry gas calibration
Dimensions (H x W x D), weight	Approx. 142 mm x 75 mm x 36 mm / 5.6" x 2.9" x 1.4", approx. 195 g / 0.5 lbs, incl. batteries
Instrument configuration	Direct menu-guided configuration of instrument settings (PIN required) No additional PC software needed
Vibration and shock	Conforms to EN 60068-2-6, EN 60068-2-29
CE marking	Directive 89/336/EC (electromagnetic compatibility)
Data interfaces	USB connection to a PC; optical interface to the Alcotest-Printer

Ordering Information

Dräger Alcotest® 6810 (incl. 3 mouthpieces, 2 batteries, wrist strap, plastic case)	83 18 570
Dräger Alcotest mouthpieces/slide'n'click	
Pack of 100 mouth pieces	68 10 690
Pack of 250 mouth pieces	68 10 825
Pack of 1000 mouth pieces	68 10 830
Dräger Alcotest mouthpieces/slide'n'click with spit trap and non-return valve.	
Pack of 100 mouth pieces	68 11 055
Accu-Set Dräger Alcotest® 6810 (NiMH rechargeable batteries and cover)	83 18 565
Power source 600 mA, 11 V, for charging NiMH batteries	83 16 991
12V Car Charger	83 20 252
PC connecting cable USB	83 19 715
Software AlcoView 6810 (to read out data)	83 17 915

Notes

CORPORATE HEADQUARTERS

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