

Dräger Alcotest® 6810 for DOT

The Dräger Alcotest® 6810 for DOT was designed specifically to make Department of Transportation (DOT) Workplace Testing simple. The device is programmed to follow DOT breath testing protocol step-by-step and also provides maintenance reminders. Combine the Alcotest® 6810 for DOT with our full DOT training to complete your testing program.



ST-1686-2005

Benefits

Easy to Use

The large backlit display, rapid startup time, and intuitive operation make the instrument easy to use. Since measurement functions are controlled with a single key, results are obtained quickly without distractions.

DOT firmware

The DOT firmware in the Alcotest 6810 for DOT ensures the instrument is compliant with DOT rules and regulations, thus decreasing the liability of the collector. A positive screening test (0.020% or higher) locks down the handheld for 15 minutes. A 30 day Accuracy Check and 365 day Calibration Test lockout feature ensures that the instrument is compliant prior to performing a breath test. An air blank check is automatically performed, displayed and printed in the Confirmation Mode.

Practical design

The device is completely portable, thanks to the compact dimensions and ergonomic design. The instrument is easy to use whether you are right- or left-handed. An air outlet, which cannot be obstructed, prevents any manipulation when the breath sample is given. More than 1,500 tests can be conducted with two AA batteries.

Quick and precise analysis

The 1/4" DrägerSensor® technology is alcohol-specific and provides precise measurement results even under extreme conditions (as low as 23°F/-5°C). Fast operations ensure the measurement result will be displayed quickly. Measurement quality exceeds NHTSA'S Model Specifications for Evidential Breath Testers.

"Slide 'n' click" mouthpiece

The individually wrapped mouthpiece is designed to be fitted quickly, hygienically, and securely even in poor light conditions. Similarly, the integrated ejector tab makes mouthpiece removal effortless and sanitary.

Powerful data management

An on-board precision real-time clock means all data is associated with an accurate date and time stamp. New menu keys allow quick access to approximately 2000 measurement results with their respective test numbers and date/time information, which can be reprinted on demand. A separate software allows test results to be easily downloaded via a PC interface.

DOT training

DOT requires training for all technicians performing DOT breath alcohol tests. Our trainings meet the mandates set forth in 49 CFR Part 40.213.

Accessories

ST-442-2002



Communications cable

PC connection cable with jack for 9-pin RS232 interface, and USB cable.

ST-178-2004



Mouthpieces (Slide'n'click)

Mouthpieces are supplied in boxes of 100.

ST-8404-2006



Dräger Mobile Printer

The Dräger Mobile Printer prints breath alcohol and drug test measurement results without using a dedicated power supply. The Mobile Printer documents measurement results of the Dräger Alcotest® 6820, Dräger Alcotest® 7510, as well as some Alcotest® 7410 Plus versions, and the Dräger DrugTest® 5000. FOR LAW ENFORCEMENT USE OR USE IN DOT-REGULATED INDUSTRIES ONLY.

ST-7838-2008



Power supply

Alkaline batteries for 6810

Accessories



System case

Case for the Alcotest® 6810 for DOT and the Dräger Mobile Printer.

Services



Dräger Service

When you rely on Dräger breath alcohol and drug screening equipment, you can rest assured you made the right choice. For more than 60 years, we've been the global market leader in advanced breath alcohol testing and employ cutting-edge technology to provide devices that are fast, reliable, and easy to use. That's the Dräger Service Advantage.

Related Products

ST-430-2006



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. FOR LAW ENFORCEMENT PURPOSES ONLY

ST-15083-2008



Dräger Alcotest® 7510

The Alcotest® 7510 allows for breath alcohol analysis for any application, and is listed on the National Highway Traffic Safety Administration's Conforming Product List (NHTSA CPL) as an evidential breath tester. This instrument has received the OIML Certificate of Conformity. FOR LAW ENFORCEMENT USE ONLY.

D-54720-2012



Dräger DrugTest® 5000

The Dräger DrugTest® 5000 system is a fast, accurate means of testing oral fluid samples for drugs of abuse, such as amphetamines, designer amphetamines, opiates, cocaine and metabolites, benzodiazepines, cannabinoids, and methadone. The analyzer offers easy data management with the Dräger Diagnostics Software. FOR LAW ENFORCEMENT USE ONLY.

ST-183-2005



Dräger Interlock® XT

The Dräger Interlock® XT is a breath-alcohol measuring instrument that can prevent a vehicle from being started if the driver's breath alcohol concentration is higher than his or her state's legal limit. It meets worldwide device requirements, offers the greatest possible convenience for the user, and sets a new standard for alcohol interlocks. FOR USE WITH AN IGNITION INTERLOCK RESTRICTION ONLY.

Technical Data

NHTSA approved	Yes, on Conforming Products List for Evidential Breath Measurement Devices
Measurement Principle	Electrochemical alcohol specific DrägerSensor 1/4" technology
Measurement Range	0 to 0.500 %BAC
Accuracy	±0.005 %BAC of measured value or ±5% of measured value, whichever is greater
Ready for Use	Approximately 6 seconds after switch on
Sampling	End of Breath, Minimum Volume, Manual
Mouthpiece Connection	Slide 'n' Click mouthpiece attachment for either left- or right-handed operation
Mouthpiece	Hygienically, individually packaged, with tamper-proof air outlet and integrated ejector tab
Display	Graphic backlit LCD display, 128 X 64 pixels; 41 mm x 24 mm / 1.6" x 1.0"
Operating / Storage Temperature	-5 to 50°C; 23 to 122°F / -40 to 65°C; -40 to 149°F
Humidity	10 to 100% RH
Ambient Pressure	600 to 1400 hPa; 17.7 to 41.3 inch Hg
Housing	Impact resistant ABS / Polycarbonate
Dimensions	140 x 80 x 35 mm; 5.5" x 2.8" x 1.25"
Weight (including batteries)	Approx. 195 grams; 0.43 lbs.; 6.88 oz.
Visual Signal	3 color LED (green, yellow, red) to support displayed messages and warnings or alcohol concentration limits
Audible Signal	Signaling to support messages and warnings or alcohol concentration limits
Data Storage	Approximately 2000 tests with date and time
Power Supply	2 x 1.5V alkaline (AA) batteries; charge status displayed >1500 measurements on one set of batteries
Operating Concept	Measurements can be performed with one button; Menu navigation with two additional buttons
Instrument Menus	Menu options are DOT specific; changes to date and time do not require additional software
Air Blank Checks	Performed and prints automatically in screen and confirmation mode; displays on LCD in confirmation mode
Accuracy	Wet bath or dry gas, required once every 30 days; 30 day accuracy check lockout
Calibration	Wet bath or dry gas, required once every 12 months; 365 day calibration lockout
Languages	4 standard (English, German, French, Spanish)
Advanced features	Clock, data downloaded via PC, optical printer interface, device info screens

Ordering Information

Item	Order No.
Dräger Alcotest® 6810 for DOT Basic Kit (contains a customized carrying case, the 6810, mobile printer, 100 mouthpieces, 2 rolls of printer paper, 1 roll of tamper evident tape, calibration mouthpiece adapter, batteries, 1 year warranty)	44 16 811
Mouthpieces (Box of 100)	68 10 690

Ordering Information

Training Course (includes DOT BAT Training and Instrument Proficiency Training)	MPTRAIN
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Notes

Not all products, features, or services are for sale in all countries.
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