

## Dräger Alcotest® 5510 Alcohol Screening Device

The Dräger Alcotest® 5510 handheld screener provides the quality, accuracy, and reliability that our customers have come to expect from our breath alcohol detection products. With a wide range of available configurations, the instrument is easily adaptable to meet user requirements and local regulations for preliminary breath testing. The intuitive interface allows the officer to quickly take the breath alcohol sample, read the result, and proceed. **FOR LAW ENFORCEMENT USE ONLY**



## Benefits

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### **Sophisticated technology**

The Dräger Sensor uses optimized gas dynamics to measure alcohol concentration. Even at high alcohol concentrations, the measurement result is quickly and accurately displayed. The advanced technology ensures that the instrument is once again ready for use within seconds.

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### **Sampling and maintenance**

Automatic, manual, and passive modes can be used to obtain samples during difficult collections. The calibration process is simple and can be performed through the menu. All measurement functions are controlled with a single key while menu navigation uses only two keys.

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### **Easy handling**

Thanks to its compact size and ergonomic design, the Dräger Alcotest 5510 makes it easy to maintain a firm grip. Mouthpiece attachment flexibility allows for right- and left-handed users.

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### **Integrated data log**

The last 10 measurement results with their respective test numbers are stored in the data log. Individual results can be quickly recalled from the log through the menu.

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### **Safe and hygienic**

The separation of the grip area and the mouthpiece ensures a safe distance between the hand of the operator and the mouth of the person being tested.

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### **Slide 'n' Click mouthpiece**

The shape of the mouthpiece is designed so it fits intuitively, quickly, and securely even in poor light conditions. The air outlet is difficult to obstruct and prevents any manipulation when the breath sample is given. A spacer on the mouthpiece prevents the test subject's mouth from coming into contact with the instrument's housing and also functions as a mouthpiece ejector.

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### **Low energy consumption**

The instrument can conduct more than 1,000 breath alcohol tests with just two AA batteries.

## Accessories

ST-178-2004



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### Mouthpieces (Slide 'N' Click)

Available in packs of 100, 250, and 1,000 mouthpieces with or without non-return valve.

ST-7838-2008



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### Power Supply

Alkaline batteries.

ST-210-2004

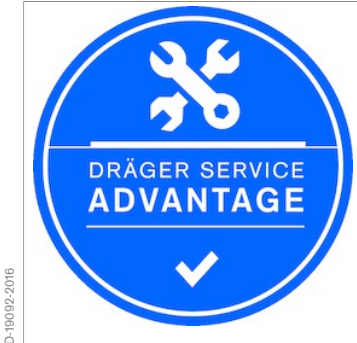


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### Leather pouch

Leather pouch in black or yellow for belt fastening.

## 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



### 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



### Dräger Alcotest® 8610

The Dräger Alcotest® 8610 Kit includes the Dräger Alcotest® 7510, encased with the Dräger Mobile Printer, keyboard, mag card reader, mouthpieces, batteries, and printer paper. The Alcotest 7510 can be configured to comply with customer specific software requirements, and is a NHTSA approved Evidential Breath Alcohol Testing Device for mobile and non-mobile applications. The Alcotest 7510 also has the OIML Certificate of Conformity. FOR LAW ENFORCEMENT USE ONLY.

## Related Products

D-74695-2013



### 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. **FOR LAW ENFORCEMENT PURPOSES OR USE IN DOT-REGULATED INDUSTRIES ONLY.**

ST-16083-2008



### 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.**

ST-189-2005



### 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.**

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.**

## Related Products



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### 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. **FOR LAW ENFORCEMENT USE ONLY.**

## Technical Data

Principle of measurement	Electrochemical DrägerSensor in 1/4" technology; alcohol-specific
Measurement range	0 to 0.500 g/210 L; if measurement range limit is exceeded, a message is displayed
Sampling	Standard: automatic sampling when minimum volume is reached. Optional passive sampling without mouthpiece or manual initiation of sampling.
Ready for use	Approximately 6 s after switching on
Operating temperature	- 5 to + 50°C/23 to 122°F
Humidity	10 to 100% RH, non-condensing
Ambient pressure	600 to 1.400 hPa/17.7 to 41.3 inch Hg
Display	Graphic backlit LCD display; 41 mm x 24mm/1.6" x 0.9" (128 x 64 pixels)
LED	3 color to support display and warning messages
Audible signal	Different signal tones to support display messages and warnings
Datalogger	Storage of last 10 tests with test numbers
Power supply	Two AA batteries. Charge status displayed; approx. 1.500 breath tests can be performed on one set of batteries
Mouthpiece adaption	Slide 'n' Click mouthpiece attachment. Can be fitted for right or left orientation
Mouthpiece	Hygienically, individually packaged, with tamper-proof, non-obstructable air outlet, mouthpiece ejector, and spacer between mouth and instrument housing
Operating menu	Measurement functions can be performed using just one key; menu navigation is easy completed with just two keys
Calibration	Dry gas calibration
Housing	Impact resistant ABS/PC
Dimensions (H x W x D),	Approximately 142 mm x 75 mm x 36/5.6" x 2.9" x 1.4"
Weight	Approximately 195g/0.5 lbs, including batteries
Instrument configuration	Direct menu-guided configuration of instrument settings (PIN required)
Vibration and shock	Conforms to EN 60068-2-6, EN 60068-2-29
CE marking	Directive 89/336/EC (electromagnetic compatibility)
Norm	EN 15964

## Ordering Information

Dräger Alcotest 5510 Kit (measuring instrument, 3 mouthpieces, 2 batteries, wrist strap, in plastic case)	88 22 650
Dräger Alcotest 5510 DOT Kit (DOT configured measuring instrument, 3 mouthpieces, 2 batteries, wrist strap, in plastic case)	44 15 507
Pack of 100 mouthpieces	68 10 690
Dry gas cylinder .04% (105 L)	45 07 062
Dry gas cylinder .10% (105 L)	1026
Calibration mouthpiece adapter	68 09 263
Regulator (12 L)	45 07 068
Leather pouch, black (belt attachment)	83 17 911
Leather pouch, yellow (instrument can be operated inside the pouch, compartment for 4 to 5 mouthpieces, no belt attachment)	83 17 931
Contact Draeger Safety Diagnostics, Inc. for ordering details.	

## Ordering Information

Alcotest is a trademark of Dräger.

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