

Dräger Alcotest® 5510 Ready when you are.

The challenges of maintaining road safety increase when impaired drivers present a clear danger to public safety. The Dräger Alcotest® 5510 handheld screener is ready to test when you are, delivering fast and accurate results. When you are dealing with unpredictable events, predictable equipment can make all the difference.



The Dräger Alcotest 5510 handheld screener provides the quality and accuracy that law enforcement agencies have come to expect from our breath alcohol detection products. With a wide range of configurations, the instrument easily adapts to meet user requirements and local regulations for preliminary breath testing. With this device, you simply sample, read, then proceed.

EASY HANDLING

A compact size and ergonomic design make the Dräger Alcotest 5510 easy to grip. Mouthpiece attachment flexibility supports right and left-handed users.

SAFE AND HYGIENIC

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

LOW ENERGY CONSUMPTION

The instrument can conduct more than 1000 breath alcohol tests with just two AA batteries.

ADVANCED TECHNOLOGY

The Dräger sensor uses optimized gas dynamics to measure alcohol concentration, ensuring that the instrument is ready for use within seconds. Even at high alcohol concentrations, the measurement result is displayed quickly and accurately.

SAMPLING AND MAINTENANCE OPTIONS

To make it easier to obtain samples during difficult collections, the device offers multiple modes: automatic, manual and passive. 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.

SLIDE 'N' CLICK MOUTHPIECE

The shape of the mouthpiece is designed to fit quickly and securely, even in poor lighting conditions. The air outlet is difficult to obstruct, thus preventing manipulation during sampling.

INTEGRATED DATA LOG

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



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An intuitive interface allows the officer to quickly take a breath alcohol sample, read the result, and proceed.

TECHNICAL SPECIFICATIONS

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 24 mm / 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. 1,000 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 mm / 5.6" x 2.9" x 1.4"
Weight	Approximately 195 g /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
Alcotest is a trademark of Dräger.

CORPORATE HEADQUARTERS

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