

## Dräger Alcotest® 5510 Alcohol Screening Device

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.



## Benefits

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### **Sophisticated technology**

The 1/4"-DrägerSensor 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. The very latest in electronics technology ensures that the instrument is ready for use in no time at all.

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### **Comfortable operation**

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.

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### **Easy handling**

Thanks to its compact dimensions, the Dräger Alcotest 5510 even fits into a shirt pocket. The ergonomic design makes the instrument equally easy to use for right and left-handed people.

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### **Integrated datalogger**

The latest 10 measurement results with their respective test numbers are stored in the datalogger. Individual results can be called up from the log by pressing the menu keys.

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### **Safe and hygienic**

The separation of the grip area and the mouthpiece automatically ensures a certain distance between the hand of the operator and the mouth of the person to be tested.

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### **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. A spacer on the mouthpiece prevents the test subject's lips from coming into contact with the instrument's housing, and at the same time may be used as a mouthpiece ejector.

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### **Low energy consumption**

More than 1500 breath alcohol tests can be conducted on just two mignon batteries (AA size).

## Accessories

ST-178-2004



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### Mouthpieces (slide'n'click)

Available in packs of 100, 250, and 1000 mouthpieces with or without non-return valve.

D-9486-2014



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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

## Related Products

D-74896-2013



### 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.

ST-480-2006



### 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.

## Related Products



ST-13216-2007

### 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-60216-2009

### 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
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-colour, 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 concept	Measurement functions can be performed using just one key; menu navigation is via two menu keys
Calibration	Wet gas or dry gas calibration
Housing	Impact resistant ABS/PC
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)
Norm	EN 15964

## Ordering Information

Dräger Alcotest® 5510 (measuring instrument, 3 mouthpieces, 2 batteries, wrist strap, in plastic case), Mouthpieces (slide'n'click)	83 22 650
Pack of 100 mouthpieces	68 10 690
Pack of 250 mouthpieces	68 10 825
Pack of 1,000 mouthpieces	68 10 830
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

## Notes

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### CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA  
Moislinger Allee 53–55  
23558 Lübeck, Germany  
[www.draeger.com](http://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 +49 451 882 0  
Fax +49 451 882 2080  
[info@draeger.com](mailto: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  
[europa.south@draeger.com](mailto:europa.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](mailto: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](mailto: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](mailto:contactcsa@draeger.com)

Locate your Regional  
Sales Representative at:  
[www.draeger.com/contact](http://www.draeger.com/contact)

