

Dräger Alcotest® 6000 Professional Breath Alcohol Device

The Dräger Alcotest® 6000 breathalyser allows the professional user to test with speed and precision. Featuring a 12-monthly calibration interval and data logging + download capability, the measuring technology of this small and user-friendly portable measuring device has already been proven worldwide and has been sold over 1,000,000 times.



Benefits

Breath alcohol testing made easy

The device is ready to use within seconds. This means that you can perform an (active) test on a subject at any time. It is also possible to measure alcohol in the ambient air (passive), in which case a mouthpiece isn't required.

All functions required for a measurement are activated with the convenient blue OK button, while two menu buttons are used for navigation.

Versatile and tough

The tried and tested electro-chemical Dräger sensor in the Alcotest 6000 is distinguished by its very fast response times and a long service life. It operates with extreme precision and reliability. The analysis is reliable even at temperatures of -5 to +50 °C / 23 to 122 °F. The sensor also delivers reliable results quickly in case of a high alcohol content, for both active and passive measurements.

Convenient to use

Dealing with intoxicated people requires a high degree of attention and concentration. An intuitive operation of the device is an important aspect for ease of use and smooth breath testing procedures.

All measurement functions can be operated with just one button to make it easier for you to perform the test. The large back-lit display is easy to understand due to its full-text messages which guide you securely through the alcohol test. An LED and audible signal complement the display and indicate the end of a measurement process. Two menu buttons are used to navigate through the menu, enabling you to perform functions such as reviewing the last test results and optional printing.

Simply hygienic: the Slide'n'click mouthpiece

The sophisticated product design meets the requirements for performing the breath alcohol test quickly, easily and hygienically: The shape of the Slide'n'click mouthpiece allows you to intuitively fit it correctly, even in the dark. The Alcotest 6000 is ready to use again immediately after changing the mouthpiece. Furthermore, attempts at obstruction are consistently rejected by the device: The air outlet cannot be closed, foiling any attempts to manipulate the device when giving a breath sample.

A spacer on the mouthpiece keeps the lips of the person being tested from coming into contact with the device's housing. The spacer can also be used as a mouthpiece ejector if necessary. Mouthpieces with return valve are also available upon request.

Benefits

The Alcotest Hygiene Plus

Hygiene is an increasingly important part of our everyday lives. Dräger Alcotest breath-alcohol detection devices use non-invasive measuring technologies with a high degree of hygiene – for the user as well as the test subject – thanks to the following features:

- During testing, the exhaled air is directed past rather than through the device
- There is a 90° angle between the user and the test subject during testing
- Disposable mouthpiece is individually packaged
- Benefits of the Slide 'n' Click mouthpieces:
 - safe, hygienic distance between user and test subject
 - spacer prevents direct contact between lips and device
 - mouthpiece is easy to remove
 - the non-return valve prevents inhalation of air through mouthpiece

Innovation born out of tradition

With over 65 years of experience, Dräger is the global market leader in the field of breath-alcohol testing. Police in many countries use devices from the Alcotest product series in everyday traffic monitoring. The Alcotest 6000 is made in Germany and meets the highest standards of quality. It uses the same, professional EC sensor technology, ensuring precise test performance and secure results.

Accessories



ST-178-2004

Mouthpieces (slide'n'click)

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



D-06560-2018

Protective cover

The cover offers additional protection. Meaning, it can be operated while in the cover, since the display is visible at all times.

Technical Data

Dräger Alcotest® 6000

Measuring principle	Electrochemical DrägerSensor in 1/4" technology; alcohol specific
Measuring range	0.000 to 0.500 g/210l; if measurement range limit is exceeded, a message is displayed
Sampling	Standard: automatic sampling when minimum volume and/or defined blow time is reached; Passive sampling without mouthpiece or manual initiation of sampling possible
Ready for use	Approx. 2 s after switching on
Display of measurement result	After approx. 3 s (at 0 g/210l, room temperature)
Operating temperature	-5 to +50 °C
Relative humidity	10 to 100 % relative humidity (non-condensing and in operating state)
Ambient pressure	600 to 1,300 hPa
Display	Graphic backlit LCD display; 32 x 22 mm / 1.3" x 0.9" (128 x 64 pixels)
LED	2-colour, to support display of results and warning messages
Audible signal	Signal tone to support display messages and warnings
Datalogger	Storage of last 500 tests with test numbers, date and time
Data downloads	Via micro USB Cable and Draeger Diagnostics software
Power supply	1 x CR123A-Battery, charge level indicator in display, with one battery up to 1,500 breath tests can be done.
Mouthpiece attachment	Improved Slide'n'click mouthpiece attachment; can be fitted for right or left orientation
Mouthpiece	Hygienically, individually packaged, with tamper-proof air outlet, mouthpiece ejector and spacer between mouth and instrument housing
Operating concept	Measurement functions can be performed using just one button; menu navigation is via three menu buttons
Calibration Interval	12 months
Calibration	Wet gas or dry gas calibration
Housing	Impact resistant ABS/PC
Dimensions (W x H x D), weight	Approx. 50/60 x 141 x 31 mm / 2"/2.4" x 5.6" x 1.2"; approx. 150 g incl. battery
Instrument configuration	Direct menu-guided configuration of instrument settings (PIN required)
Vibration and shock	EN 60068-2-27, EN 60068-2-6; EN 60068-2-64
CE marking	CE conform
Approval	AS3547:2019 Certified
Internal clock	Warning or deactivation after end of service interval
Protection type	IP54



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