

Dräger Alcotest® 5000 Alcohol breath device for mass screening

The Dräger Alcotest® 5000 is a highly reliable breath-alcohol tester that detects the presence of alcohol. This high-speed breathalyzer lets you perform up to 12 tests per minute. Its special non-contact funnel reduces the back-flow of expired air to a minimum, preventing the risk of infection to subsequent test subjects.



Benefits

Maximum control in minimum time with our fastest ever breathalyzer

With the Alcotest® 5000, you can test up to 12 people a minute to determine whether they have consumed alcohol or not. Especially for police and private security professionals, testing large numbers of people for intoxication in a short period of time presents a major challenge: for example, during large-scale operations, entrance checks at work sites, and stadiums, entry points to public transport and airport security checks. In the case of a positive test result, exact blood-alcohol levels can be calculated if necessary using Dräger alcohol screeners or court-approved evidential devices.

High-precision rapid alcohol testing with hygienic funnel design

The alcohol test takes place without the need for bodily contact with the test subject. There is no need to attach and detach mouthpieces, because testing requires the subjects simply to blow into a funnel. With its unique design, this special Dräger Alcotest 5000 funnel prevents the back-flow of the subject's own expired air and the inhalation of any pathogens from previous test subjects. After use, the funnel attachment is easily exchanged, providing assurance of a hygienic solution.

Alcohol testing with simple operation and convenient oversight

With its easy-to-use, single-button operation via the OK button, the Alcotest 5000 is the latest generation of Dräger's proven, simple-to-operate alcohol testing devices. Using its two additional arrow buttons, you can navigate easily and for example: view the latest test results, reset the test counter, check for the next scheduled calibration date, or set the menu to a different language. The instructions for the test process are language-neutral and easy to understand, thanks to symbols on the display.

Breath-alcohol testing at a distance

Where the tester and the test subject are not adjacent (for example, a driver seated in the cab of a lorry), the Alcotest 5000 features a ¼" thread on the back of the device where a standard selfie stick can be attached. This speeds up the breath-alcohol testing process.

With just one change of batteries, the Alcotest 5000 can perform over 5,000 tests, whether actively (the test subject actively blows into the funnel attachment) and / or passively (for example, measuring alcohol in ambient air or suspicion of alcohol in beverages).

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:

- Funnel attachment is individually packaged

- Benefits of the replaceable funnel attachment:
 - no body contact with the test subject
 - blocks backflow of the test subject's own exhaled air, which prevents intake of potential pathogens from previous test subjects

- the threaded attachment point on the device attaches to an ordinary selfie stick (sold separately), creating even more space between user and test subject

Innovation built of tradition

With over 65 years of experience, Dräger is the global leader in the field of breath alcohol testing. Police in many countries use devices from the Alcotest product line in routine traffic monitoring. The Alcotest 5000 is made in Germany and meets the highest standards of quality. It uses professional electrochemical (EC) sensor technology, ensuring reliable performance and accurate results.

Details



-31900-2020

1/4" thread for mounting a selfie stick



D-31901-2020

Optional reflector film set (yellow or orange)



D-31888-2020

Grips and wrist-straps for secure holding



D-31882-2020

"Test Progress Display" symbol



D-31878-2020

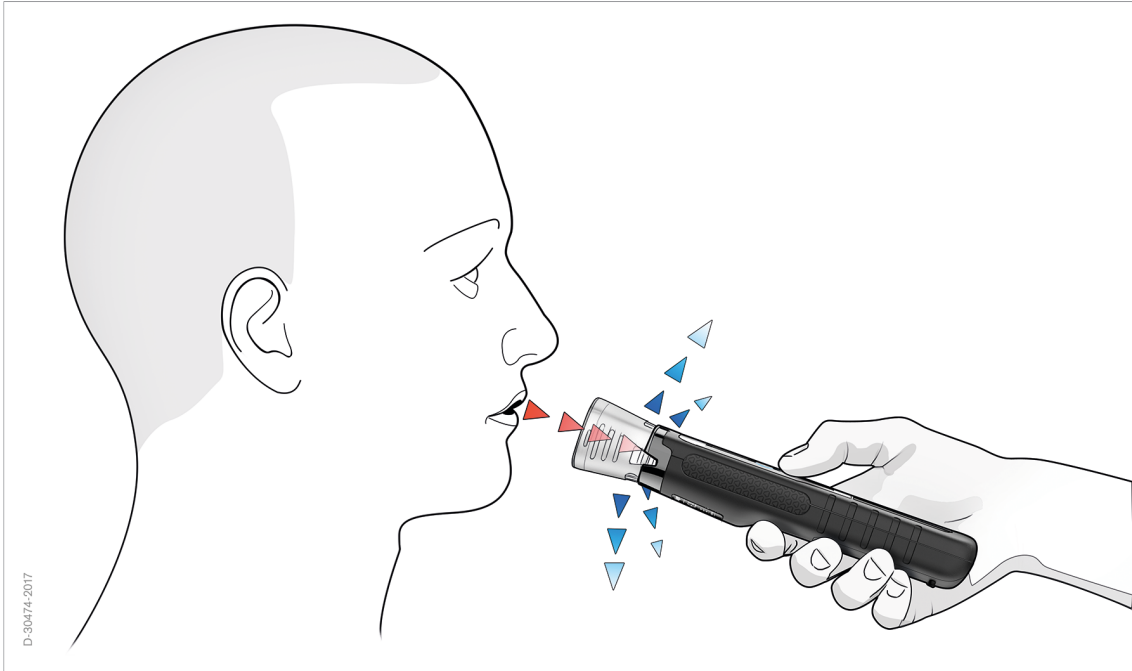
"No Alcohol Detected" symbol



D-31880-2020

"Alcohol Detected" symbol

Alcotest® 5000 funnel



The special funnel attachment directs the backflow of exhaled air away from the test subject's face. This hygienic innovation reduces the risk of transmitting infection from one test subject to the next.

Accessories



Alcotest® 5000 funnel

Package unit: 10 pieces, hygienically and individually packaged

Accessories



Alcotest® 5000 reflector film set

Additional reflector films, available in yellow or orange



Alcotest® 5000 calibration adapter

Calibration attachment for adjusting and monitoring the Alcotest® 5000 with an alcohol simulation device.



Power supply

Alkaline battery (Mignon, LR6, AA, 1.5V)

Services



Dräger Service

When your operation's safety equipment is backed by over 125 years of experience and supported by the same team that engineered it, you can rely on service and rental solutions that are tailored to meet your unique needs. With Dräger's safety solutions, you get complete peace of mind, budget security, and full-service support that you can count on every step of the way. That's the Dräger Service Advantage.

Related Products



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.**



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.**

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 USE ONLY.



D-20003-2015

Dräger DrugCheck® 3000

Use the Dräger DrugCheck® 3000 to find out within minutes if a person has recently consumed certain drugs. The compact and quick oral fluid-based drug test yields reliable results hygienically and easily. The device does not require electricity and can be used anywhere. 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.

Technical Data

Dräger Alcotest® 5000

Measuring range	<p>0 to 0.029 mg/l → "Tick mark" symbol on the display screen means "No Alcohol Detected", visually supported by a green LED.</p> <p>From 0.030 mg/l → "X" symbol on the display screen means 'Alcohol Detected', visually supported by a red LED.</p> <p>From 2.5 mg/l → Measuring range exceeded (↑ ↑ ↑)</p>
Standard sampling	<p>Sampling starts automatically when the minimum volume or predefined blowing time is reached.</p> <p>Passive sampling can be done with or without a funnel.</p> <p>Sampling can be triggered manually while the test subject blows into the funnel.</p>
Start-up time	Ready to use approx. 4 sec. after switching on
Display of test results	<p>After approx. 2 sec. (at 0 to 0.029 mg/l);</p> <p>after approx. 6 sec. (at e.g. 0.5 mg/l, at room temperature).</p>
Measurement basis	Electrochemical DrägerSensor®, alcohol-specific
Display	<p>Graphic LCD display with backlight</p> <p>32 x 22 mm (128 x 64 pixel)</p>
LEDs	Two-colours, for supporting test results and warning messages on the display
Acoustic signals	Various signal tones for supporting display and warning messages
Memory	Stores the latest 500 test results with test number, date and time
Energy supply	3x AA batteries, charge status shown on display; with the battery life from 3x AA batteries, more than 5,000 tests can be performed.
Funnel intake	Click adapter for funnel
Funnel	Hygienic, individually packaged with air outlets for minimising back-flow of expired air
Operating design	Test functions are started with the "OK" button; two arrow buttons are used to navigate through the menu.
Calibration	Wet- or dry-gas calibration with the Alcotest 5000 calibration adapter
Exterior	Impact-proof ABS/PC
Dimensions (W x H x D), Weight	Approx. 63 x 219 x 41 mm; approx. 245 g incl. funnel and batteries
Vibration and impact resistance	EN 60068-2-27, EN 60068-2-6; EN 60068-2-64
CE marking	EMC Directive
Standards	Contactless breath-alcohol testing devices are currently not subject to any standards
Internal clock	Warning 30 days before service interval expires
Service interval	24 months
Operating temperature	-15 °C to +50 °C
Air humidity	10 to 100 % relative humidity (not condensed and in operation)
Ambient pressure	600 to 1,300 hPa

Ordering Information

Dräger Alcotest® 5000, V1	83 27 701
Languages: EN, DE, FR, ES, NL, IT, CA, PT	
Alcotest® 5000 funnels, 10 pc., individually hygienically packaged	83 27 718
Reflector film set (yellow), Alcotest® 5000	83 27 742
Reflector film set (orange), Alcotest® 5000	83 27 743
Alkaline batteries (Mignon, LR6, AA, 1.5V) – 3 batteries required	13 35 804

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