

Dräger Alcotest® 5000 Alcohol breath device for mass screening

The Dräger Alcotest® 5000 is a professional breath-alcohol tester which detects the presence of alcohol. The high-speed breathalyser lets you perform numerous tests in minimal time. Its special 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 breathalyser

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 truck), 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 set of fully charged 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).

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 5000 is made in Germany and meets the highest standards of quality. It uses the same, professional EC sensor technology as our Alcotest 6820 screening device, ensuring precise test performance and secure results.

Details



1/4" thread for mounting a selfie stick



Optional reflector film set (yellow or orange)



Grips and wrist-straps for secure holding



"Test Progress Display" symbol

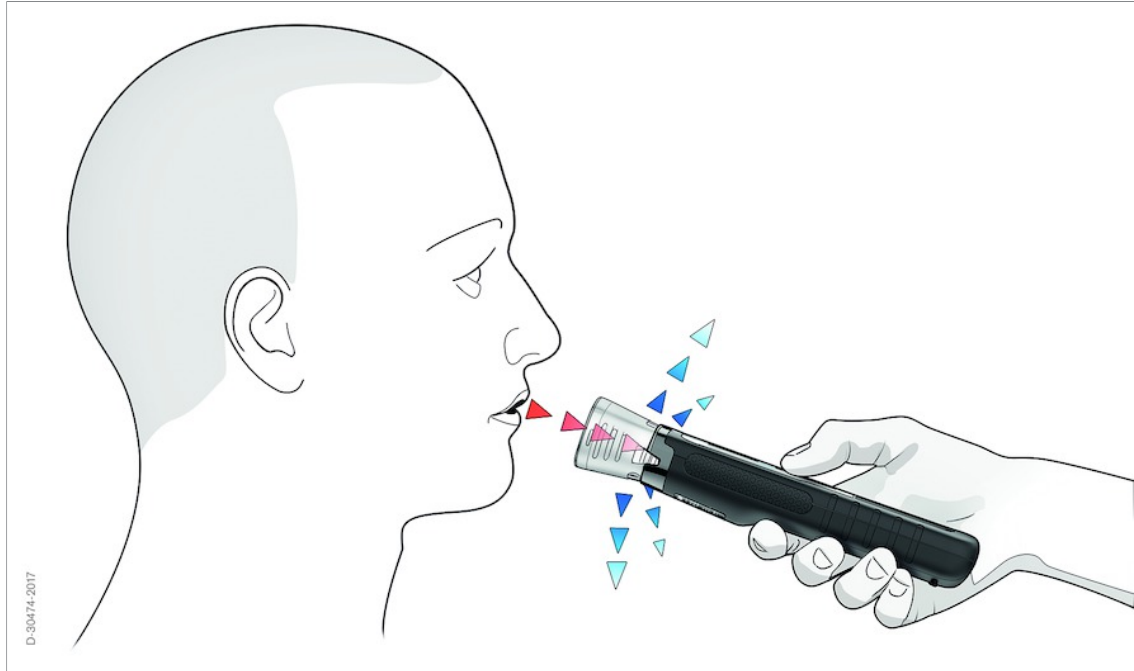


"No Alcohol Detected" symbol



"Alcohol Detected" symbol

Alcotest® 5000 funnel



The special funnel attachment minimises the back-flow of expired air into the test subject's face. This hygienic innovation reduces the risk of infection from one test subject to the next.

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); 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 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	<p>3x AA batteries, charge status shown on display; with the battery life from 3x AA batteries, more than 5,000 tests can be performed.</p>
Funnel intake	Click adapter for funnel
Funnel	Hygienic, individually packaged with air outlets for minimising back-flow of expired air
Operating design	<p>Test functions are started with the "OK" button; two arrow buttons are used to navigate through the menu.</p>
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	<p>10 to 100 % relative humidity (not condensed and in operation)</p>
Ambient pressure	600 to 1,300 hPa



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