



Dräger Alcotest® 7000

Alcohol breath device for mass screening

The Dräger Alcotest® 7000 sets new standards in alcohol test devices. Its benefits include a wider temperature and measuring range, low maintenance requirements and various networking options. In addition, the device can perform alcohol tests via both a mouthpiece and a funnel. Reliable alcohol tests have never been so fast, simple, hygienic and efficient.

Benefits

Exceptional measurement stability

Some alcohol testing devices must be adjusted every six months. Thanks to its exceptional measurement stability, Dräger recommends checking accuracy on the Dräger Alcotest® 7000 every 12 months. This saves time, and above all money.

Two measurement methods in one device

Alongside the classic test using a mouthpiece, with the Alcotest® 7000 you can also carry out tests using a funnel attachment. This enables you to complete a large number of alcohol tests in a very short span of time, which is time-saving, cost-effective and hygienic. The funnel-based test gives you an initial indication as to whether alcohol is present in the subject's breath. If the answer is yes, you simply press a button to switch over to the mouthpiece-based test mode. The following test then shows you the actual level of alcohol in the subject's breath.

Wide temperature range

With the Alcotest® 7000 you can take reliable measurements even in extreme temperatures. The alcohol tester's patented heating system and high-quality materials ensure dependable results in temperatures ranging from 14°F to 131°F.

Network-connected solutions

The built-in Bluetooth® Low Energy technology offers you energy-saving, digital connectivity for the device and its data. This has many advantages: for example, the wireless connection of the alcohol tester to the Dräger BT Mobile Printer enables you to print out test results from a distance of up to 16 yards.

You can connect the Alcotest® 7000 directly to a computer with a USB-C cable to read out just the test results.

High alcohol-detection limits

The increased performance capacity of the Alcotest® 7000 also includes its measurement range. The maximum blood alcohol limit that can be set with this alcohol testing device is as high as 0.63 % BrAC. If this measurement range limit is exceeded, the display will tell you.

Benefits

Multiple configuration capabilities

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 mouthpieces and funnel attachments are 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 optional one-way non-return valve prevents inhalation of air through the mouthpiece
- 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

Innovation born out of tradition

With more than 65 years of experience, Dräger is a market leader in the field of breath-alcohol testing. Law enforcement in many countries use devices from the Alcotest® product series in everyday traffic safety operations. The Alcotest® 7000 is manufactured in Germany and meets the highest quality standards.

Details



D-24153-2020

Mouthpiece receptacle can be mounted on left or right



D-24151-2020

The 2.4" color display provides information, notices and warnings



D-24144-2020

Fast switchover from funnel-based to mouthpiece-based testing



D-24152-2020

Simple push-button print function



D-24145-2020

USB-C port to easily retrieve data records



D-24147-2020

Rubberized handling area for a secure grip

Accessories

D-30594-2017



Hygienic flow funnel

Package unit: 10 pieces, hygienically and individually packaged

ST-178-2004



Mouthpieces (Slide 'N' Click)

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

D-25372-2020



Dräger Mobile Printer BT

The Dräger BT Mobile Printer facilitates wireless printing from any compatible Dräger testing device within a 16-yard radius. You secure the small, lightweight mobile printer to your belt with a retaining clip. The OK key to switch the device on and off and the paper-feed button ensure ease of use. Illuminated symbols provide you with information about the status of the device.

D-862-2023



USB-C cable

For data transfer and charging capabilities, as applicable.

Accessories



D-25038-2020

Protection options

To protect the device, Dräger offers device protection bags and various fabric storage bags and transport cases.

Services



D-2331-2016

Product Service

Our product service provides support with different service packages – in our workshops or directly on your premises. Care, maintenance and servicing are crucial for safety and reliability – careful maintenance and care are a must, even when it comes to commercial considerations. Preventive checks, ongoing care and use of original replacement parts improve the longevity of your investment.



D-2335-2016

Training

The Dräger Academy has shared its solid, practical knowledge for over 40 years. We hold more than 2,400 training courses each year, on a range of over 600 topics, with more than 110 authorized trainers. We equip your staff with practical knowledge and ensure that what they learn can be applied effectively, both day-to-day and, more importantly, whenever critical situations occur. We will be pleased to develop a customized training program for you.

Related Products

D-31888-2020



Dräger Alcotest® 5000

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.

D-32068-2020



Dräger Alcotest® 6000

The Dräger Alcotest® 6000 allows the professional user to perform a breath alcohol test with speed and precision. 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.

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 fluidbased 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, methamphetamine, 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 PIR 7000

Detection basis	Electrochemical DrägerSensor®, 1/4" technology, alcohol-specific
Measurement range	Breath alcohol concentration: 0 to 0.63 % BrAC (Ethanol mass per minimum volume at 93 °F and 1,013 hPa) Visual signal when measuring limits are exceeded
Sample collection	Default: Automatic sample collection when minimum volume or predefined blowing time is reached; Passive sampling or manual triggering of sampling possible
Start-up time	Approx. 3 seconds after switching on (depending on configuration)
Display of test results	After approx. 3 seconds at 0.0 % BrAC After approx. 10 seconds at 0.1 %BrAC
Ambient operating conditions	+14 °F to +131 °F; 10 to 100 % relative humidity (non condensing); 600 to 1,300 hPa
Ambient conditions during storage	-4 °F to +140 °F; 15 to 75 % relative humidity (10 to 100% relative humidity <48 h); 600 to 1,300 hPa
Display	QVGA TFT color display 320 x 240 2.4"
LEDs	tricolor LEDs to help display results and warning messages
Acoustic signals	Various signal tones to support display and warning messages
Memory	Store the last 10,000 tests (software can be modified on request to offer even more storage space)
Energy supply	Alkaline version (3 x 1.5 V primary cell (Mignon, LR06, AA)). Charge status shown in display; one charge/battery change is sufficient for up to 1,500 breath tests (alkaline version).
Mouthpiece receptacle	The Slide 'n' Click mouthpiece or Alcotest® funnel mounts on either side
Mouthpiece	Hygienic, individually packaged with tamper-proof, non-closing air outlet Mouthpiece ejector and spacer between mouth and device housing
Funnel	Hygienic, individually packaged with air outlets for minimizing back-flow of expired air
Operating design	Measuring functions can be performed with one button; Navigation in menu with two menu buttons
Test for accuracy	Recommended interval of 12 months Wet gas or dry gas calibration;
Casing	Impact-resistant ASA/PC
Dimensions (W x H x D), Weight (including batteries)	2.4 in x 6.8 in x 1.4 in A7000 AA: 10.1 oz
Vibration and impact resistance	EN 60068-2-27, EN 60068-2-6; EN 60068-2-64
CE mark	Electromagnetic compatibility
Standards	EN 15964, NHTSA, Australian Standard, FDA conformity, depending on configuration
Internal clock	Warning or switch-off after expiration of calibration period (depending on configuration)
IP protection class	IP 54
Interface	USB-C
Bluetooth®	Bluetooth® Low Energy 5.0
GPS	Optional

Ordering Information

Dräger Alcotest® 7000

Dräger Alcotest® 7000 – Standard LE version Testing Device with alkaline batteries, three mouthpieces, wrist strap, Bluetooth®, USB C cable, calibration certificate	NA10958
Dräger Mobile Printer BT	6811562
Mouthpieces – package of 100	6810690
Mouthpieces – package of 250	6810825
Mouthpieces – package of 1,000	6810830
Mouthpiece with one-way/non-return valve – package of 100	6811055
Mouthpiece with one-way/non-return valve – package of 250	6811060
Mouthpiece with one-way/non-return valve – package of 1,000	6811065
Hygienic flow funnel, package of 10; individually, hygienically packed	8327718
Alkaline battery (AA, 1.2 V) – 3 batteries required	4401006
Paper rolls, thermal, 10-year non-adhesive (pack of five rolls)	8319002
USB-C cable	3700418
Regulator, push button, 14lpm	4414005
Large Seal Adapter	6809263
Compressed dry gas cylinder 105L, 0.080%	4401032
Compressed dry gas cylinder 105L, 0.100%	4401036
Storage Bag - soft-sided, medium	3714802

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Corporate Headquarters

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany

■ www.draeger.com

USA

Draeger, Inc.
7256 S. Sam Houston Parkway W.,
Suite 100
Houston, TX 77085
☎ 1 800 4DRAGER
(1 800 437 2437)

Canada

Draeger Safety Canada, Ltd.
2425 Skymark Ave., Unit 1
Mississauga, Ontario L4W 4Y6
☎ 1 877 DRAGER
(1 877 372 4371)



Locate your Regional Sales
Representative at:
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