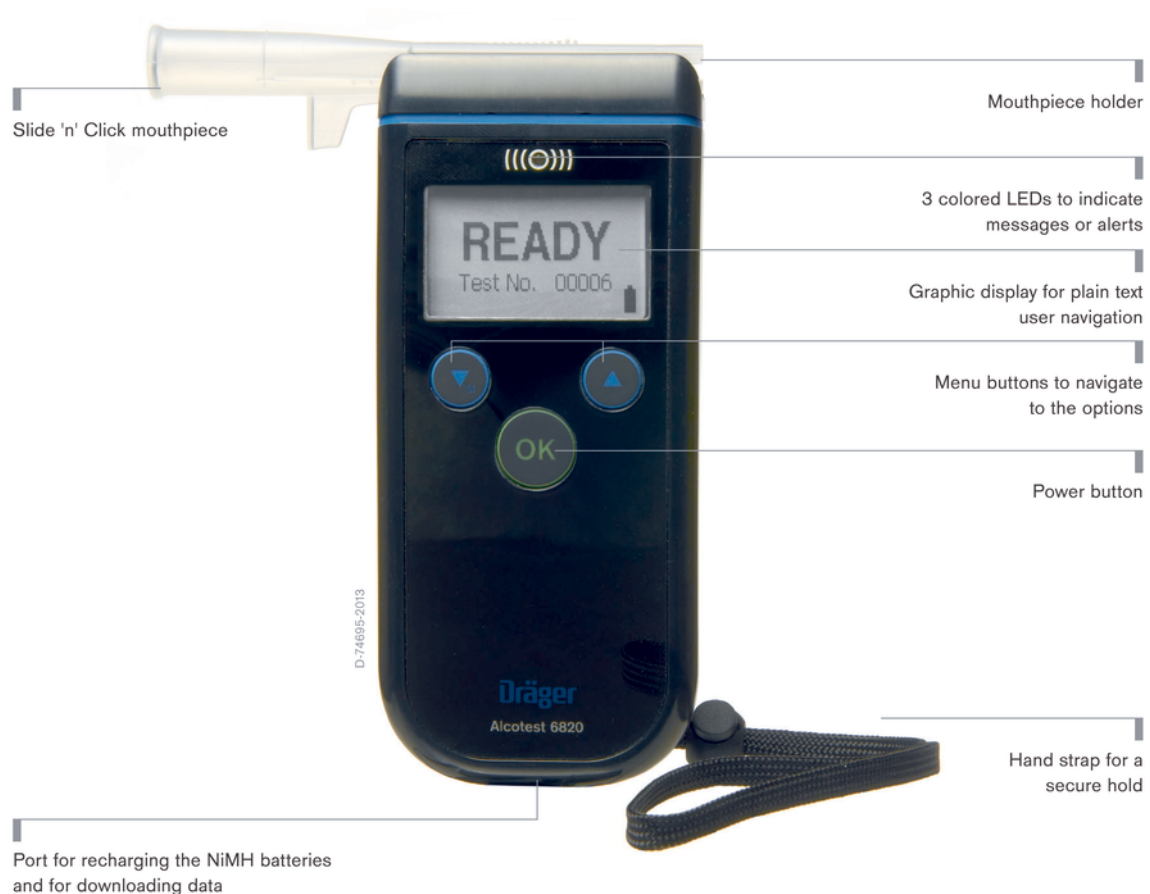


Dräger Alcotest® 6820 Alcohol Screening Device

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.**



Benefits

Dependable under harsh conditions

At Dräger, we understand that roadside breath alcohol testing occurs in a wide variety of environmental conditions. The sleek design and quality workmanship enable the Alcotest 6820 to stand up to hard use and varying environmental conditions from hot and dry, to cold and wet. Durable casing material and a sealed battery compartment make the instrument highly resistant to cold or moisture; in addition, it was designed specifically to keep out dust and water.

Easy to use, easy to read

Roadside testing can be a challenging and dangerous task requiring a high degree of concentration. This is where the true value of an easy-to-operate device comes into play. All measurement functions are controlled with a single button. The instrument guides you through the breath alcohol test with easily understandable full-text messages on a large, backlit display. An LED indicator and acoustic signals support the visual display and indicate when the test is complete. Two menu keys let you easily navigate the menu and access statistical data and settings.

Practical design

The compact size of the Alcotest 6820 makes it easy to hold and operate with only one hand. The mouthpiece snaps easily into the holder even when it's dark thanks to its intuitive shape. Whether you are right- or left-handed or whether you're testing traffic moving on the right or left side of the road, the display is always in clear view. After use, the mouthpiece can be removed easily and without contamination.

Ready for use within four seconds

An integrated electrochemical Dräger sensor provides very short response times, coupled with precision and durability. Ready for use within four seconds, the Alcotest 6820 has even faster startup and response times than its predecessor, the Alcotest 6810. Test results are reliable – whether the temperature is 23°F or 122°F. Even with high alcohol content, the sensor provides fast, accurate results. And this is true in all measurement modes, active and passive measurements.

Slide 'n' Click mouthpiece

The patented Dräger mouthpieces prevent any manipulation attempts. Plus, the optional return valve limits contamination. The Alcotest 6820 uses the same reliable mouthpiece as the Alcotest models 5510 and 7510.

Improved data management capabilities

The Alcotest 6820 offers optimized software for device configuration and downloading data. You can also transfer data from the device to a PC via a USB connection and use the same connection to configure the device. State and customer specific configurations are available.

Benefits

Stores up to 5000 test results, prints onsite

With its expanded memory capacity, the Alcotest 6820 can store up to 5000 test results. Up to 250 tests are readily available to be recalled and printed at any time. An optical interface enables wireless transmission of data to the Dräger mobile printer onsite – no cable required.

Rechargeable batteries

A new feature of the Alcotest 6820 is the option to purchase two NiMH rechargeable batteries, rather than disposable batteries that have to be periodically changed. For your convenience, the batteries can be recharged without removing them from the device. If you prefer, the device can also run on disposable AA batteries.

For Law Enforcement Purposes or Use in DOT Regulated Industries Only

Accessories



ST-8404-2006

Dräger Mobile Printer

The Dräger Mobile Printer prints breath alcohol and drug test measurement results without using a dedicated power supply. The Mobile Printer documents measurement results of the Dräger Alcotest® 6820, Dräger Alcotest® 7510, as well as some Alcotest® 7410 Plus versions, and the Dräger DrugTest® 5000. **FOR LAW ENFORCEMENT USE OR USE IN DOT-REGULATED INDUSTRIES ONLY.**

Accessories



D-12910-2009

USB Cable



ST-178-2004

Mouthpieces (Slide 'n' Click)

Mouthpieces are supplied in packs of 100, 250 and 1,000, with and without non-return valve.



D-9486-2014

NiMH Rechargeable Batteries

Alkaline batteries or set of rechargeable batteries for 6820



D-12913-2009

Charger

For power supply kit

Accessories



D-1112-2014

System Case

Services



D-19092-2016

Dräger Service

When you rely on Dräger breath alcohol and drug screening equipment, you can rest assured you made the right choice. For more than 60 years, we've been the global market leader in advanced breath alcohol testing and employ cutting-edge technology to provide devices that are fast, reliable, and easy to use. That's the Dräger Service Advantage.

Related Products



Dräger Alcotest® 5510

The Dräger Alcotest® 5510 handheld screener provides the quality, accuracy, and reliability that our customers have come to expect from our breath alcohol detection products. With a wide range of available configurations, the instrument is easily adaptable to meet user requirements and local regulations for preliminary breath testing. The intuitive interface allows the officer to quickly take the breath alcohol sample, read the result, and proceed. **FOR LAW ENFORCEMENT USE 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.**

Technical Data

Test method	Electrochemical Dräger sensor for 1/4" technology; alcohol-specific
Test range	0 to 0.500% BAC; display indication when exceeding test range
Sampling	Standard: automatic sampling when minimum volume is reached Passive sampling or manual triggering of sampling possible
Ready for use	Approx. 2 s after powering up
Test result display	Approx. 3 s (with 0 mg/l), 10 s (at 0.5 mg/l, room temperature)
Operating temperature	-5 to +50°C; +23 to +122°F
Display	Graphic LCD display with background illumination; 1.61 in x 0.95 in (41 mm x 24 mm); 128 x 64 pixels
LED	3 colors to indicate messages or alerts
Acoustic alarms	Different signal tones indicate various messages and alerts
Memory	Space for saving the last 5,000 tests with test number, date and time (ability to recall last 250 on device)
Power supply	Two AA batteries or NiMH batteries, battery indicator on the display. Around 1,500 breath tests can be conducted with one set of batteries. Charging rechargeable NiMH batteries is possible in device
Calibration	Wet gas or dry gas calibration
Dimensions (H × W × D), weight	5.79 in x 2.56 in x 1.53 in (147 mm x 65 mm x 39 mm); approx. 0.57 lbs
Device configuration	Device settings configurable directly via device menu (PIN required). No additional PC software required
Vibration and impact	Meets EN 60068-2-6, EN 60068-2-27, EN 60068-2-64, MIL-STD 810F
CE marking	Directive 89/336/EEC (electromagnetic compatibility)
Data interfaces	USB to PC; optical interface for printer control
Standard	Meets EN 15964
Protection type	IP54; keeps out dirt and water

Ordering Information

Dräger Alcotest® 6820 (test unit, 3 mouthpieces, 2 batteries, hand strap, plastic case)	83 22 660
Dräger Alcotest® 6820 Basic Law Enforcement Kit (includes device, 100 mouthpieces, 12 batteries, Mobile Printer, 2 rolls of paper, USB cable, software and system case)	44 14 141
Mobile Printer for Law Enforcement Applications	44 15 532
PSU (power source) 600 mA, 11 V, for charging NiMH batteries	83 16 991
Diagnostics Software	83 17 915
USB cable for downloading data	83 19 715

Notes

Not all products, features, or services are for sale in all countries.
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CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA
Moislinger Allee 53-55
23558 Lübeck, Germany
www.draeger.com

Customer Service:

USA
+1 800-4DRAGER
(+1 800-437-2437)

Technical Service:

USA
+1 800-4DRAGER
(+1 800-437-2437)

Locate your Regional
Sales Representative at:
www.draeger.com/contact

