Dräger Alcotest® 6820 for DOT
Breathalyzer built for DOT applications

The Dräger Alcotest® 6820 for DOT provides fast and accurate alcohol test results. This reliable breathalyzer makes it easy to follow DOT breath test protocol. In workplaces regulated by the US Department of Transportation (DOT), sober employees are essential – both for public safety and for the company's reputation. FOR USE IN DOT-REGULATED INDUSTRIES ONLY.

D-2500-2018

DOT forms

Batteries

Tamper tape

Mobile Printer for DOT applications

Slide 'n' Click mouthpiece

Sturdy carrying case

Thermal printing paper

Dry gas regulator

Dräger Alcotest® 6820 for DOT

Dry gas

SECURITY TAPE

Benefits

DOT-specific programming helps eliminate user errors

The Dräger Alcotest 6820 for DOT is specifically programmed to meet DOT rules and regulations, intended to help the collector comply with DOT requirements. Key features created specifically for DOT applications make it difficult for breath alcohol technicians (BATs) to make a fatal flaw that could invalidate a test. The device locks down after a positive test (=>.02) for the 15-minute waiting period required before the confirmation test. In addition, it requires an accuracy check and calibration according to the QAP (Quality Assurance Plan) and locks out if expired. Plus, an automatic air blank is recorded and the air blank results prints along with the test result.

Industry-leading BAT training and support; two-year calibration

The Alcotest 6820 for DOT delivers quality performance and is backed by unparalleled BAT training, which is essential for all DOT BATs. Dräger BAT training meets the mandates outlined in 49 CFR Part 40.213. Best of all, the QAP for the device requires calibration every two years – which saves you time and effort.

Quick and precise analysis

To save time for all concerned, the Alcotest 6820 for DOT is ready to use in less than 4 seconds and measurement results are displayed in a minimum of 3 seconds. The 1/4" DrägerSensor® is alcohol-specific and provides precise measurement results even under extreme conditions (as low as 23 °F/-5 °C). The Alcotest 6820 for DOT is listed on the Conforming Products List and exceeds NHTSA's Model Specifications for Evidential Breath Testers.

Easy to use, easy to read

The Alcotest 6820 for DOT is an evidential breath tester designed to meet the needs of both business owners and third-party administrators. This portable breathalyzer is designed for both right- and left-hand use. All measurement functions are controlled with a single button. The instrument guides you through the breath alcohol test step-by-step with 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. Select Screen Test, Confirmation Test, or Accuracy Check right from the start-up menu.

Slide 'n' Click mouthpiece is simple yet secure

The patented Dräger mouthpiece incorporates several features to ensure ease of use and prevent manipulation attempts. The individually wrapped mouthpiece is designed to be fitted quickly and securely. The integrated ejector tab makes removal of the mouthpiece effortless and sanitary.

Benefits

Powerful data management and free optimized software

The Alcotest 6820 for DOT has an integrated real-time clock, so all data is associated with an accurate date and time stamp. The menu key provides quick access to approximately 250 measurement results with their respective test numbers and date/time information, which you can print on demand. Plus, optimized diagnostics software allows you to easily download all 1900 stored test results via a PC interface at no extra charge.

New design stands up to harsh environments

Designed to withstand abuse, the Alcotest 6820 for DOT is water-resistant according to international standard IP54. So you can count on the accurate results you need, in virtually any environmental conditions.

First calibration free and two-year guarantee

We are confident that you will be pleased with the performance of the Alcotest 6820 for DOT for years to come. To prove it, we are offering the Alcotest 6820 for DOT with a standard two-year manufacturer's warranty for the entire device and we will provide your first calibration included with purchase.

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)
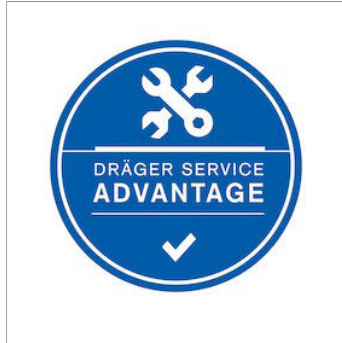
Mouthpieces are supplied in a pack of 100.

D-7549-2014

System Case

Sturdy carrying 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.

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 Manual triggering of sampling possible
Ready for use	Approx. 4 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 ℃; +23 to +122 ℉
Display	Graphic LCD display with background illumination; 1.61 in × 0.95 in (41 mm × 24 mm); 128 × 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 1,900 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 Recharging of NiMH batteries is possible in device
Calibration	Wet gas or dry gas calibration
Dimensions (H × W × D), weight	5.79 in × 2.56 in × 1.53 in (147 mm × 65 mm × 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	EMC Directive
Data interfaces	USB to PC; optical interface for printer control
Standard	Meets EN 15964 and is listed on NHTSA CPL for Evidential Breath Testers
Protection class	IP54; protection against dust and water

Ordering Information

Dräger Alcotest® 6820 for DOT KIT	**44 14 141**
Dräger Alcotest® 6820 for DOT (test unit, 2 batteries, hand strap)	83 22 655
Mouthpieces (box of 100)	68 10 690
Mobile Printer for DOT Applications	44 15 531
Printer Paper	44 15 520
Tamper Tape	44 15 509
Batteries	44 01 006
Carrying Case	44 15 529
Diagnostics Software	83 17 915
USB cable for downloading data	83 19 715
DOT Forms	44 01 004
Non-DOT Forms	44 01 019
CAL/ACC Check	44 14 158

Ordering Information

Dräger Alcotest® 6820 for DOT KIT w/ 34L Dry Gas	44 14 142
Dräger Alcotest® 6820 for DOT (test unit, 3 mouthpieces, 2 batteries, hand strap, plastic case)	83 22 655
Mouthpieces (box of 100)	68 10 690
Mobile Printer for DOT Applications	44 15 531
Printer Paper	44 15 520
Tamper Tape	44 15 509
Batteries	44 01 006
Large Seal Adapter	68 09 263
Regulator	45 07 068
Dry Gas 34L 0.04% BrAC Ethanol	44 01 029
Carrying Case	44 15 529
Diagnostics Software	83 17 915
USB cable for downloading data	83 19 715
DOT Forms	44 01 004
Non-DOT Forms	44 01 019
CAL /ACC Check	44 14 158
Dräger Alcotest® for DOT KIT w/ 105L Dry Gas	**44 14 143**
Dräger Alcotest® 6820 for DOT (test unit, 2 batteries, hand strap)	83 22 655
Mouthpieces (box of 100)	68 10 690
Mobile Printer for DOT Applications	44 15 531
Printer Paper	44 15 520
Tamper Tape	44 15 509
Batteries	44 01 006
Large Seal Adapter	68 09 263
Regulator	68 10 693
Dry Gas 105L 0.04% BrAC Ethanol	45 07 062
Carrying Case	44 15 529
Diagnostics Software	83 17 915
USB cable for downloading data	83 19 715
DOT Forms	44 01 004
Non-DOT Forms	44 01 019
CAL /ACC Check	44 14 158

Notes

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