Dräger Alcotest® Breathalyzer
Alcotest Handhelds for the Industry

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Impairment Checks
Dräger History

Since 1889, Dräger has been an international leader in the fields of medical and safety technology. Dräger has pioneered research into devices that save lives. Since 1953, Dräger has manufactured breath alcohol detection devices and offers a full range of products specifically designed for judiciary mandated ignition interlocks, law enforcement, and DOT workplace testing.
Impairment Checks
Dräger History

Dräger breath alcohol detection devices comprise our 60 years of experience with technology solutions that you can count on.

We offer a complete portfolio of innovative solutions, including preliminary and evidential breath alcohol testing, oral fluid drug screening systems, and breath-alcohol ignition interlock devices.
The Dräger Alcotest A5820

The Dräger Alcotest A5820 is a professional breath alcohol screening device for commercial, industrial and police use.

Thanks to high-performance Dräger sensor technology, the Alcotest 5820 satisfies the very highest standards in measurement precision, reliability and speed. This makes it an excellent solution for demanding applications.

Particular emphasis has been placed on optimizing the system’s ergonomic features. The mandatory mouthpiece replacement can be interchanged easily and fast, even in the dark. The mouthpiece adaptation is available in two different types, which provides the possibility to vary the orientation of the mouthpiece to suit the relevant scenario and test method.
The following key elements are **benefits** of the **Dräger Alcotest 5820**:

- **IP54** protection  
  - Protection against weather conditions (splash water, dust, etc.)
- Short time for readiness  
  - Short recovery time
- Smaller and Lighter- Police belts are full!
- Last 100 tests results will be saved
- One exchangeable CR123a battery easily accessible  
  - Approx 1,000 tests on a single battery
- The sound can be adjusted (off, 50%, 100%).
- Passive test mode available
- Manual test mode available
Draeger Service, Support, and Accessories

- Draeger Service in Irving, TX handles all Alcotest Instruments
- Turn around is usually 2-3 days in service for handhelds
- Dry gas, Wet Bath, Regulators and Solution for Calibration are available
- Mouthpieces, Paper, batteries, everything that goes in an instrument are available and in stock.
- Sales Support in Irving is very experienced, and very good at their job!
The Dräger Alcotest A3820 is a breath alcohol screening device for private use. Featuring professional Dräger sensor technology the device sets a new benchmark in measurement precision and reliability within the private customer market.

It also meets the strictest hygiene standards thanks to an easily replaced ergonomic mouthpiece protected by a plug-on cap that keeps out dirt, regardless of where the device is stored.

A backlit user interface and acoustic feedback ensure the device is easy to use in the dark and support the test sequence with clear directions. The modern and functional housing lends the device a discreet and unobtrusive look.
There are over 14 million DOT workers in the US at a given time.

**Federal Aviation Administration (FAA)**
- Flight Crewmember; Flight Attendant; Flight Instructor; Aircraft Dispatcher;
  Aircraft Maintenance; Ground Security Coordinator; Aviation Screener; Air Traffic Controller

**Federal Motor Carrier Safety Administration**

**Federal Railroad Administration (FRA)**
- Engine Service; Train Service; Dispatcher/Operation; Signal Service, Misc.

**Federal Transit Administration (FTA)**
- Revenue Vehicle Operation; Revenue Vehicle and Equipment Maintenance;
  Revenue Vehicle Control/Dispatch; CDL/Non-Revenue Vehicle; Security

**Pipeline & Hazardous Materials Safety Administration (PHMSA)**
Alcotest 6820 for DOT

- Specifically programmed to meet DOT rules and regulations.
  - Printing Capabilities
- Key features created specifically for DOT applications make it difficult for breath alcohol technicians (BAT) 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.
- Requires an accuracy check and calibration according to the QAP (Quality Assurance Plan) and locks out if expired.
  - Two year warranty / Two year calibration
  - Complementary First Calibration
What does the Breath Alcohol Technician (BAT) training consist of?

• To become qualified as a BAT:
  • The collector must be knowledgeable about Part 40 regulations and DOT agency regulations (applicable to the employers for whom you will perform alcohol tests), and keep current on any changes to these materials.
  • The collector must also successfully complete a qualification training program (currently in process of making this available online) and pass a monitored proficiency demonstration, as required by DOT regulations [See 49 CFR Part 40.213(b)&(c)]. (must be in real time observance)
  • Refresher training is required every 5 years.

In **49 CFR Part 40.213**, Federal Regulations require that **every person** operating an Evidential Breath Tester for DOT purposes **must** be trained.
DOT Devices
Alcotest 6820

DOT Regulations:
0.000-0.019 = NEGATIVE

DOT Regulations:
0.020 or greater = POSITIVE
Putting it all together:

Why should you care about the rules?

- This industry is all about safety!
- Technicians are responsible for:
  - Their training, all rules and regulations.
- We are responsible. This is a joint effort with our clients.
  - Those who are tested! Get dangerous employees off the roads and into the help that they need!
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