

## Dräger Alcotest® 8610 Standard Evidential Alcohol Measuring Device

The Dräger Alcotest 8610 Standard system for use by police ensures more efficient breath alcohol measurements in roadside screening. The Dräger Alcotest 8610 Standard combines preliminary test and evidential test in one product. The software allows the measuring procedure to be adjusted to comply with the relevant national legislation.



\* For detailed information about the Dräger Alcotest® 7510 and Mobile Printer, please see separate product information.

## Benefits

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### **Preliminary test and evidential test combined**

The Dräger Alcotest 8610 Standard gives you the first economical system to combine both test procedures. The main element is the tried-and-tested Dräger Alcotest® 7510, a hand-held breath-alcohol measuring instrument with the OIML Certificate of Conformity. The Dräger Mobile Printer and the compact keyboard complete the mains-independent system. This mobile "2 in 1" solution and the greatly simplified data processing increase the efficiency of police work. At the same time you reduce your equipment costs. In addition, the Dräger Alcotest 8610 Standard comes with a 12 V connector. The electronic charging system makes it easy to charge all the components in the case.

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### **The software set-up allows adjustment to national specifications.**

The modular software set-up of the Alcotest 7510 measuring instrument allows individual configuration of the entire measurement process. Switching from the pre-test to the evidential test during the procedure can be varied and configured using the software. This means that breath-alcohol measurement can be adjusted precisely to comply with the legislation and regulatory guidelines in your country. Dräger thus satisfies the prerequisites for approval in individual countries.

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### **Meets the most demanding hygiene requirements**

Measuring instrument and accessories are designed to ensure hygienic handling during every stage of sampling. After attachment, the position of the disposable mouthpiece in relation to the specially formed hand grip automatically ensures a safe, hygienic distance between the sampler's hand and the subject. The convenient ejection system for simple removal of mouthpiece after the test prevents the sampler from coming into contact with the mouthpiece itself.

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### **Reliable evidential results**

The display of the Alcotest 7510 presents detailed instructions guiding you through the breath-alcohol measuring process. Easily comprehensible unabbreviated text messages guide the operator precisely through the necessary steps. This ensures compliance with prescribed evidential measuring procedures.

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### **Recording data – fast, securely and economically**

The keyboard is used for entering various data, such as subject data, simply and quickly. For more efficient working, the subject initially remains anonymous during the preliminary test. If suspicion is substantiated, the operator can use the Alcotest 7510 (which has the OIML Certificate of Compliance) as an evidential testing device and with the appropriate configuration can switch to evidential mode. The subject's data can then be recorded using the keyboard. The test result is saved with a unique test number and can be printed out. The subject data are protected by a proven encryption system.

## Benefits

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### Immediate documentation of results on-site

The data recorded can be sent to the Dräger Mobile Printer in the case via an optical interface. This enables fast, tamper-proof printing of the log. The thermal printing on Dräger printer paper provides you with a document-quality, storage-stable record of the results. Furthermore, the data remain in the internal memory. The Alcotest 7510 measuring instrument can be connected to a PC to download the data securely and fast.

## Accessories



### Mouthpieces (Slide'n'click)

Mouthpieces in packs of 100, 250 or 1,000 either with or without a non-return valve.



### Batteries

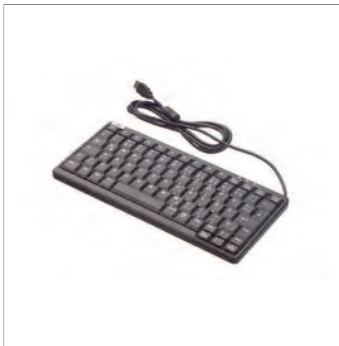
Alkaline batteries or rechargeable NiMH batteries

## Accessories



### Printer paper

Printer paper (5 rolls), with 7 or 25 year legibility, either with or without markings



### Keyboard

Keyboard "Compact" with USB connection, available in QWERTZ, QWERTY or AZERTY versions.

## Related Products



### Dräger Alcotest® 7510

This compact and robust handheld breath alcohol measuring device is especially designed for advanced screening applications. Ideal for use by police, commerce and industry as an alcohol screening device. The Alcotest® 7510 can in many countries and markets be used as an evidential device.

## Related Products



ST-8404-2006

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### Dräger Mobile Printer

The Dräger Mobile Printer prints breath alcohol and drug test measurement results directly on the spot.



D-43786-2015

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### Dräger Alcotest® 9510

The Dräger Alcotest® 9510 is an advanced breath alcohol measuring instrument for evidential applications. It is designed to comply with national and international requirements and regulations (OIML R 126). With dual sensor technology, intuitive color touch screen interface, and modern design the Alcotest® 9510 sets superior standards.

## Technical Data

### Dräger Alcotest® 8610

Mains power	The case is charged by connecting it to a supply of 220/110 V AC or 12 V DC.
Dimensions (H x W x D)	Approx. 174 x 406 x 330 mm
Weight (incl. 4 NiMH batteries)	Approx. 6.9 kg
Vibration and impact resistance	Satisfies the standards "EN 60068-2-6" and "EN 60068-2-29"
CE marking	Directive "2004/108/EC" (Electromagnetic compatibility), RoHS-Directive
Data interfaces	Infrared transmission (via IR module) and USB interface for connecting the Dräger Alcotest® 7510 to a PC
Protection class	IP54

### Dräger Alcotest® 7510

Principle of measurement	Electrochemical Dräger sensor in 1/4" technology; alcohol-specific
Measurement Range	0.00 to 3.00 mg/L; if measurement range is exceeded a message is displayed.
Readiness for use	The device is ready for use approx. 6 seconds after powering up (temperature-dependent).
Display of measurement results	after approximately 6 seconds (for 0.00 mg/L); after approx. 12 seconds (for 0.50 mg/L at room temperature)
Operating temperature (temperature range is monitored)	-10 °C to +50 °C (14 °F to 122 °F)
Data-logger	Storage of over 5,000 tests with test numbers, date and time.
Calibration in accordance with national approval regulations	Optional wet gas or dry gas calibration: with absolute pressure sensor to compensate for atmospheric pressure during dry gas calibration.

## Ordering Information

### Dräger Alcotest® 8610

	Order no.
Dräger Alcotest® 8610 Standard consisting of hard protective case, Dräger Mobile Printer and mini keyboard Version for Dräger Alcotest® 7510 with alkaline batteries or rechargeable NiMH batteries**	83 23 160
Dräger Alcotest® 8610 Standard consisting of hard protective case, Dräger Mobile Printer and mini keyboard Version for Dräger Alcotest® 7510 with rechargeable Li-ion batteries**	83 25 660
Dräger Alcotest® 7510, configured* to meet customer requirements Various modules are available (GPS, rechargeable Li-ion batteries, ambient pressure sensor).	83 19 700
<b>Mains cable to power adapter in the case – must be ordered separately.</b>	
EU mains cable	83 17 791
UK mains cable	83 17 785

## Ordering Information

AUS mains cable	83 17 792
JAPAN mains cable	83 17 851
USA mains cable	83 17 789
<b>Accessories</b>	
Mouthpieces "Standard" (Slide'n'click) with non-return valve; for evidential applications (100 pcs.), individually packed	68 11 055
Mouthpieces "Standard" (Slide'n'click); not suitable for evidential applications 68 10 690 (100 pcs.), individually packed	68 10 690
Car charger, 600 mA for charging batteries in Alcotest® 8610 case via direct connection to a vehicle's 12 V on-board power supply	83 21 425
Dräger Mobile Printer*	83 19 340
Power adapter	83 22 692
Printer paper (5 rolls), 7 year legibility	83 19 002
Keyboard "Compact" ("QWERTY"), English for PS/2	83 21 449
Keyboard "Compact" ("QWERTZ"), German for PS/2	On request
Keyboard "Compact" ("AZERTY"), French for PS/2	On request

\* Refer to the relevant product information for more information about the Dräger Alcotest® 7510 and the Dräger Mobile Printer.

\*\* Dräger Alcotest®7510 not included in the case

## Notes

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