

Dräger Alcotest® 9510

Evidential Alcohol Measuring Device

The Dräger Alcotest® 9510 is an advanced breath alcohol measuring device for applications admissible in a court of law. It is designed to comply with national and international requirements and regulations (OIML R 126, DIN VDE 0405, SR 941.210.4 (CH)). With dual sensor technology, intuitive colour touch screen interface, and modern design the Alcotest® 9510 sets the standard



USA: For Law Enforcement and DOT Testing Purposes Only.

Benefits

Proven Dual Sensor Technology

Depending on national requirements for specific country versions, the Alcotest 9510 can be equipped with 2 different and independent sensors to quantify the ethanol concentration in the breath sample. An IR sensor and an EC fuel cell provide precise and reliable measurement results of the same sample. The highly developed IR Sensor with a low sensitivity to potential interfering substances in the breath of a subject applies a physical method while the EC fuel cell makes use of chemical reactions for the analysis.

Intuitive operation via touch screen display

The high resolution color touchscreen delivers clear and complete text messages, supplemented by audible and visual notifications. This provides clear guidance through the test procedures and maintenance steps. The text messages are available in different languages for country specific versions of the Alcotest 9510. The large touchscreen offers a virtual keyboard for data entry. A USB keyboard can be used alternatively.

Comfortable Sampling

The long, flexible and heated breath hose prevents condensation and allows comfortable operation for both subject and operator. The disposable mouthpiece ensures hygienic contact between subject and instrument.

Reliable Thermal Printer

The very quiet and reliable internal thermal printer provides a fast, easy to read and high quality printout on-site. It needs no toner, printer cartridge or ink for operation. Its low maintenance costs paired with the long lifetime of the thermal head makes it very beneficial and user friendly. An optional external printer can also be utilized.

Robust Design

A robust housing, with high resistance against hits, beats, scratches and splash water makes the Alcotest 9510 perfectly suitable for rough, mobile or stationary applications. It can be operated vertically or horizontally. A robust handle allows for easy transportation. Dräger also offers accessories for safe transportation such as boxes and bags.

Various Interface Options

The instrument offer many different interface options e.g. 3 USB ports, 2 RS-232 ports, modem and an Ethernet port to connect easily with other devices or perform other communication tasks.

Customized Versions

The Alcotest 9510 is designed to comply with international and national regulations and with the requirements defined in OIML R 126. There are customized, country specific versions available, with special measuring

Benefits

procedures, data entry and storage options, text messages, languages, printouts as well as communication settings.

Accessories

D-42679-2015



Carrying case for Dräger Alcotest® 9510

For secure transport and shipping of the Dräger Alcotest® 9510 e.g. for periodic calibration. Offers storage for printer paper, mouthpieces, keyboard and power cable.

ST-466-2006



Carrying bag for Dräger Alcotest® 9510

Perfectly suitable for the Alcotest® 9510. Compact, with extra pouch for accessories like keyboard, mouthpieces, power cable and printer paper.

Accessories

D-28672-2015



Dräger X-cal 2000

Wet gas simulator for generating alcohol containing wet gas samples at 34 °C (93.2 °F) for calibration.

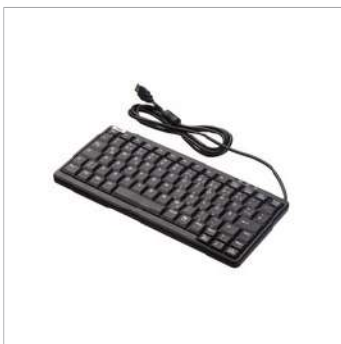
D-44613-2015



Mouthpieces

Mouthpieces "Classic" with or w/o non-return valve, each individually packed to ensure hygienic contact between subject and instrument. Also available in blue for instruments with breath temp. measurement.

D-44603-2015



Keyboard (USB)

Compact keyboard for data entry with USB connection. Available as QWERTY, QWERTZ or AZERTY variant.

ST-8448-2006



Printer paper (Thermal paper)

Printer paper rolls in packs of 5. Printouts suitable for storage up to 7 or 25 years (paper with special mark).

Accessories

D-44600-2015



12 V DC Car connection cable

For car DC outlet (2 m). With on/off switch.

D-43787-2015



Mounting adapter

Mounting adapter for Alcotest® 9510. Allows easy fixation of the device together with a special holding plate, e.g. in the car or at the wall.

Related Products

ST-15093-2008



Dräger Alcotest® 7510

Portable breath alcohol measuring device for challenging screening tests or for use as evidence by the police, or in commercial or industrial settings. Depending on regulatory and market-specific requirements, the measurement results can also be used as admissible evidence in court.

Related Products



Dräger DrugTest® 5000

No pipetting, no drips, no watching the clock:

With the Dräger DrugTest 5000®, drug screening is conducted quickly and easily. Saliva samples can be automatically analyzed straight away for a reliable result on the spot.

Technical Data

Dräger Alcotest® 9510

The Dräger Alcotest® exceeds most of the existing specifications for evidential breath alcohol analyzers. As basic requirements the following specifications (according to OIML R 126: 1998, 2012) are met.

Measurement Range	0.00 mg/L to 3.00 mg/L or equivalent unit
Temperature Range	-10 °C to 40 °C (14 °F – 104 °F)
Resolution result	0.01 mg/l (normal mode) 0.001 mg/l (control mode)
Air humidity	10 to 95 % rel. humidity
Data entry	Yes, optional
Verification date check	Yes, optional with integrated real time clock (RTC)
Repeatability / standard deviation	Up to 0.400 mg/L: 0.007 mg/L 0.400 mg/L up to 2.000 mg/L: <1.75 % Above 2.000 mg/L: <6 %
Maximum permissible errors	Up to 0.400 mg/L: 0.020 mg/L 0.4000 mg/L up to 2.000 mg/L: 5 % Above 2.000 mg/L: 20 %
Approval	Certified according to OIML R 126
CE Conformity	EMC Directive Low Voltage Directive

Ordering Information

Description	Order-No.
Dräger Alcotest® 9510 Standard IR	83 19 460
Dräger Alcotest® 9510 with IR sensor, cover hood, 25 mouthpieces and printer paper	
Dräger Alcotest® 9510 Standard IR + EC	83 19 470
Dräger Alcotest® 9510 with IR and EC sensor, cover hood, 25 mouthpieces and printer paper	
Country specific versions are available on request.	
Mouthpieces Classic without non-return valve (25 pcs.)	68 05 700
Mouthpieces Classic with non-return valve (25 pcs.)	68 05 703
(Mouthpieces are also available in packages of 100 and 250 pcs.)	
Printer Paper (5 pieces, storage up to 25 years)	83 18 461
Printer Paper (5 pieces, storage up to 7 years)	83 19 002
Keyboard – Mini-USB (QWERTY)	83 19 441
12 V DC – Connection Cable	83 12 641
Carrying Case A9510	83 25 335
Carrying Bag A9510	83 19 155
Accessories for wet bath and dry gas calibration	
Ethanol standard solution 0.4 mg/L (5.5 L container, LNE certified)	36 03 386
Test gas cylinder Ethanol (103 L gas, 260 ppm Ethanol)	68 10 695
Pressure regulator (for dry gas cylinder, with trigger valve)	68 10 693
Dräger X-cal 2000 (wet gas simulator)	83 26 000
Calibration set for Alcotest (hose, adapter, water trap)	83 17 927
Further accessories on request.	

Notes

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