

## Dräger Alcotest® 3820 Alcohol Screening Device

The Dräger Alcotest® 3820 offers responsible drivers a reliable way to test their breath alcohol and gives them the assurance of being legal to drive. This is ensured by precise measurement technology identical to that used by the police: over 30 million breath alcohol tests a year.



## Benefits

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### Precision for over 60 years: the measurement technology used by the police

Dräger has been the world market leader and professional supplier of breathalcohol measuring devices for the police and industry for over 60 years. The measurement technology in the Alcotest® 3820 is identical with that in devices used for highly precise breath alcohol tests.

Consistent advances in technology over six decades have made the Alcotest 3820 incomparably fast and reliable today. As a private user or professional driver you can simply pre-empt unpleasant surprises if your breath alcohol concentration is checked.

Over 30 million breath alcohol measurements are performed with Dräger instruments around the world each year. The high quality devices are Made in Germany.

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### Fast and easy sampling

The measurement function is simply activated with the back-lit function button. Optional audible feedback provides additional orientation. The device is ready to use in seconds and the breath test can be performed immediately. The same button is used to navigate through the menu.

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### Replaceable mouthpiece

The mouthpiece is intuitive to fit and protected by a cap. A new mouthpiece should be used for each person being tested. Additional mouthpieces are available as accessories. The air channel passes the exhaled air over the device, and only a small sample of this air is drawn for analysis. This ensures that there is no residual alcohol in the device and that all measurements remain precise and reliable. The same method is also used by the police.

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### Always ready for use

On cool winter nights or a hot summer day: The device is ready for use almost immediately. The temperature range for measurements ranges from -5 °C to +50 °C.

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### Handy and discreet

Thanks to its compact design, the Alcotest 3820 fits into a trouser pocket. Therefore you can take a measurement discreetly at any time—no matter where you are. You always obtain a precise result when measuring the residual alcohol value, whether after a business lunch, at a party or the morning after.

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### Designed for years of use

The Alcotest 3820 is Made in Germany and meets the highest quality standards. Regular calibration of the device ensures that the measurement technology will remain precise for a long time. The worldwide, regional Dräger service network ensures that you can keep using the device for many years.

## Accessories

D-44621-2015



### Mouthpieces

5 replacement mouthpieces. Hygienic and individually wrapped.

D-46503-2015



### Microfibre pouch

Protects against dust and scratches.

## Related Products

D-42702-2015



### Dräger DrugCheck® 3000

Use the Dräger DrugCheck® 3000 to find out within minutes if a person recently consumed certain drugs. The compact and quick oral fluid based drug test yields reliable results affordably and easily. The device does not require electricity and can be used anywhere.

## Technical Data

Measuring principle	Electrochemical Dräger sensor for 1/4" technology, alcohol specific
Measuring range	0 to 5.00 ‰; if the limits of the measuring range are exceeded, a message is displayed
Sampling	Automatic sampling when minimum volume resp. blow time is reached; Automatic sampling when end of breath is reached; depending on configuration
Ready for use	Approx. 4 seconds after switching on
Display of the measurement results	After approx. 3 s (at 0.00 ‰); after approx. 10 s (at 1.00 ‰, room temperature)
Operating temperature	-5 to +50 °C / 23 to 122 °F
Relative humidity	10 to 100 % relative humidity (non-condensing and in operating state)
Ambient pressure	600 to 1,300 hPa / 17.7 to 38.4 inch Hg
Display	Graphic backlit LCD display; 32 x 22 mm / 1.3" x 0.9" (128 x 64 pixels)
LED	1 light emitting diode (LED) to support the indication of results and warning message
Audible signal	Various acoustic signals to support messages and warnings on the display
Datalogger	Memory of last 10 tests
Power supply	1 x CR123A-Battery, charge level indicator in display, with one battery approx. 1,500 breath tests can be done.
Mouthpiece	Hygienically and individually packed
Operating concept	Measurement functions can be performed using just one button
Calibration	Wet gas or dry gas calibration
Housing	Impact resistant ABS/PC
Dimensions (W x H x D), weight	Approx. 50 x 133 x 29 mm / approx. 130 g, incl. Battery
Vibration and shock	EN 60068-2-32
CE marking	2004/108/EC (electromagnetic compatibility)
Norms	EN 16280, EN 15964, NHTSA, FDA Conformity, depending on configuration
Integrated clock	To show calibration interval
IP protection class	IP52

## Ordering Information

Dräger Alcotest® 3820 – Configurator	83 24 922
Dräger Alcotest® 3820 – Sweden	83 24 923
Dräger Alcotest® 3820 – Finland	83 24 924
Dräger Alcotest® 3820 – Norway	83 24 925
Dräger Alcotest® 3820 – France	83 24 926
Dräger Alcotest® 3820 – USA	83 24 928
Dräger A3820 additional 5 mouthpieces, hygienically and individually packed	83 25 250
Microfibre bag	83 24 994

## Notes

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### **CORPORATE HEADQUARTERS**

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