

# Dräger Alcotest 6510



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SI-197-2004

For the development of a new breath-alcohol measuring device, the experience derived from five generations of measuring equipment, as well as the latest technological insights were definite prerequisites. However, the greatest contribution in the creation of the Dräger Alcotest 6510 was the valuable feedback gained from users of breath alcohol testing devices. The Alcotest® 6510 was created by users for users.

Rather than simply introducing new visual enhancements to an old product, the Dräger Alcotest 6510 used our newly developed fuel cell in micro technology. This new technology has enabled us to noticeably raise our level of measuring precision, even at high alcohol concentrations while excluding reaction to other substances.

With fast reaction times, this efficient breathalcohol measuring device is energy efficient with one set of AA batteries enabling more than 1500 measurements to be performed.

Separation of the mouthpiece from the housing ensures tests are carried out hygienically for both the subject and the tester.

The "slide 'n click" mouth piece is easy to attached in daylight or at night and can be fitted for either right or left handed operation.

A large back lit display with full text prompts makes navigation through menus easy and interpretation of results unambiguous.

The mouthpiece design, alcohol-specific sensor and integrated control mechanisms all contribute in the prevention of test result manipulation and deception.

Uncooperative subjects who may resist the traditional breath test can still be tested through a passive testing technique.

The Alcotest ® 6510 retains the last 10 results for easy recall. Results obtained are conclusive and accurate, on which you can base decisions for all further activities.



Dräger Alcotest 6510 mouthpiece

SI-178-2004

## TECHNICAL DATA

Units display		% , mg/L, µg/L, g/210L, g/L, µg/ml
BAC range		0.000 to 0.500% BAC
Results display		numeric display or Pass/Alert/Fail/High notification
Ambient conditions operation		-5 to 50° C
storage		-40 to 65° C
Minimum blowing time		selectable, 2 sec default
Minimum volume		selectable, 1.2 L default
Accuracy	0.00 to 0.100% BAC	0.002%
	>0.100% BAC	2% of result (which ever is the greater)
Reaction times	to 1st measurement	approx 6 sec
	after previous test in the range 0.050% BAC	20 sec
	0.100% BAC	40 sec
	0.200% BAC	80 sec
Calibration interval		6 month
Dimensions		70mm x 140mm x 35mm (W x H x D)
Weight		approx 195 g
Power supply		2 x AA batteries for approx 1500 measurements

## ORDER INFORMATION

Alcotest® 6510 includes device, 3 mouthpieces, 2 AA batteries, wrist strap and hard carry case	83 17 900
Mouth piece (slide'n'click) with spit trap individually presented (minimum order 10 pieces)	35 90 188
Leather Pouch to attach to a belt	83 17 911

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