

## Dräger Alcotest® 6510

The Dräger Alcotest® 6510 offers law enforcement rapid and precise breath-alcohol analysis in a compact, user-friendly form. Due to the wide range of possible configurations, this handheld instrument can easily be adapted to meet law enforcement regulations and guidelines.



### SAFE AND EASY TO USE

Rapid and intuitive operation make this instrument easy to use. The operator can obtain results safely and quickly with minimal distractions. All measurement functions are controlled by a single key, while menu navigation is controlled by two menu keys.

### QUICK AND PRECISE ANALYSIS

The 1/4" DrägerSensor technology is alcohol-specific and ensures accurate and precise measurement results under extreme conditions. Even at high concentrations, short reaction times of the sensor ensure that the measurement result displays quickly. Evidential measurement quality exceeds NHTSA's Model Specifications for Evidential Breath Testers.

### PRACTICAL DESIGN

Compact dimensions and ergonomic design makes the instrument easy to use for right and left handed people. There is a safe distance between the hand of the operator and the mouth of the person to be tested.

### OPTIMIZED INSTRUMENT INTERACTION

The instrument's backlit display prompts the operator with easily comprehensible plain text messages. Multi-color, light-emitting diodes and audible signals support the display.

### "SLIDE 'N CLICK" MOUTHPIECE

The mouthpiece is designed to attach quickly and securely, even in poor light conditions. An air outlet which cannot be obstructed prevents any manipulation when the breath sample is given. The individually packaged mouthpieces can be attached to the instrument easily and hygienically. An integrated ejector tab makes mouthpiece removal effortless and sanitary. The mouthpiece also features a built-in spit trap to protect the operator from a subject's direct exhalation.

### SAMPLING FLEXIBILITY

Various sampling modes are available for the instrument: automatic, passive, manual, and conditional (based on volume parameters.) Results can be displayed in over 10 different units of measure or in a Pass/ Alert/ Fail format.

### LOW ENERGY CONSUMPTION

More than 1500 breath-alcohol tests can be conducted with two AA batteries.

### INTEGRATED DATALOGGER

Menu keys allow quick access to the last 10 measurement results with their respective test numbers.



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## TECHNICAL INFORMATION

NHTSA Approved	Yes, Conforming Products List for Evidential Breath Measurement Devices
Measurement Principle	Electrochemical alcohol specific DrägerSensor 1/4" technology
Measurement Range	0 to 0.500 %BAC
Accuracy	±0.005 %BAC of measured value or ±5% of measured value, whichever is greater
Ready for Use	Approximately 6 seconds after switch-on
Sampling	End of Breath, Minimum Volume, Manual, Passive
Mouthpiece Connection	Slide 'n click mouthpiece attachment for either right- or left-handed operation
Mouthpiece	Hygienically, individually packaged, with tamper-proof air outlet and integrated mouthpiece ejector tab
Display	Graphic backlit LCD display; 128 x 64 pixels; 41mm x 24mm / 1.6" x 1.0"
Operating Temperature	-5 °C to 50 °C; 23 °F to 122 °F
Storage Temperature	-40 °C to 65 °C; -40 °F to 149 °F
Humidity	10% to 100%RH
Ambient Pressure	600hPa to 1400 hPa; 17.7 in. to 41.3 in. Hg
Housing	Impact resistant ABS/PC
Dimensions	140 x 80 x 35 mm; 5.5" x 2.8" x 1.25"
Weight (with batteries)	Approx. 195 g; 0.43 lbs.; 6.88 oz.
Visual Signal	3-color LED (green, yellow, red) to support displayed messages and warnings
Audible Signal	Signaling to support messages and warnings
Data Storage	Last 10 tests
Power Supply	2 x 1.5V alkaline (AA) batteries; charge status displayed More than 1500 measurements on one set of batteries
Operating Concept	Measurements can be performed with one button; Menu navigation with two additional buttons
Instrument Configuration	Menu-guided configuration of instrument settings (PIN required)
Languages	4 standard (English, German, French, Spanish); 1 programmable

## ORDER INFORMATION

Item	Order No.
Dräger Alcotest® 6510	83 17 900
(measuring instrument, 3 mouthpieces, 2 AA batteries, wrist strap, plastic case)	
Mouthpieces (pack of 100)	68 10 690
Leather pouch (black with belt attachment)	83 17 911
AlcoVIEW (PC software kit for communication with the Alcotest 6510)	44 13 007



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.