

Dräger Alcotest® 6510

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



The Draeger Alcotest® 6510 offers intuitive operation, it is safe and easy to use. It has quickly become the screener of choice by law enforcement worldwide.

SAFE AND EASY TO USE

The large, backlit, graphic display, rapid start-up time, and intuitive, hygienic operation make the 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 newly developed 1/4" DraegerSensor technology is alcohol-specific and ensures accurate and precise measurement results under extreme conditions. Even at high concentrations, fast, pneumatic components and 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 equally easy to use for right- and left-handed people. The separation of the grip area and the mouthpiece ensures a safe distance between the hand of the operator and the mouth of the person to be tested.

LOW ENERGY CONSUMPTION

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

"SLIDE 'N CLICK" MOUTHPIECE

The mouthpiece is designed to be fitted 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 features a built-in spit trap and orientation that protect the operator from a subject's direct exhalation.

SAMPLING FLEXIBILITY

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

OPTIMIZED INSTRUMENT INTERACTION

Interaction between operator and instrument takes place via the backlit display with its easily comprehensible plain text messages. Multi-color, light-emitting diodes and audible signals support the display.

INTEGRATED DATALOGGER

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



Dräger Alcotest® 6510

TECHNICAL INFORMATION

| | |
|--------------------------|--|
| NHTSA Approved | Conforming Products List for Evidential Breath Measurement Devices |
| Measurement Principle | Electrochemical alcohol specific DraegerSensor 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. |
|--|-----------|
| Draeger Alcotest® 6510 (measuring instrument, 3 mouthpieces, 2 alkaline AA batteries, wrist strap, operator card in plastic case) | 83 17 900 |
| 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 |
| PC communication cable (required for AlcoVIEW®) | 83 17 573 |

www.draeger.com

USA

Draeger Safety Diagnostics, Inc.
4040 West Royal Lane, Suite 136
Irving, TX 75063
USA
Tel +1 972 929-1100
Fax +1 972 929-1105

info@dstdi.biz

CANADA

Draeger Safety Canada Ltd.
7555 Danbro Crescent
Mississauga, ON L5N 6P9
Canada
Tel +1 905 821-8988
Fax +1 905 821-2565

sales.canada@draeger.com

MEXICO

Draeger Safety S.A. de C.V.
Av. Pe-uelas No. 5
Bodega No. 37
Fraccionamiento Industrial
San Pedrito
Queretaro, Qro C.P. 76148
Mexico

Tel +1 52 442 246 1113
Fax +1 52 442 246 1114
ventas.mexico@draeger.com

GERMANY

Dräger Safety AG & Co. KGaA
Revalstrasse 1
23560 Lübeck
Germany

Customer Service
Tel +49 451 882-0
Fax +49 451 882-2080