

ALCOLOCK™ L Connect

Alcohol Sensing Solution

Available through:



Alcohol Countermeasure Systems

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Designed in Canada by
Alcohol Countermeasure Systems Corp



Warranty

All ACS breath alcohol testers are warranted to be free from defects in workmanship and material for one year from the date of purchase. Only qualified technicians should perform maintenance on any breath alcohol tester.

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Secure and reliable breath alcohol monitoring

ALCOLOCK L Connect is a handset-only solution specially designed for integration of an alcohol detection function into an existing telematics system, taximeter, or tachometer, ideal for fleets where driver monitoring is preferred. Rather than interfering with the operation of the vehicle by blocking the starting mechanism, L Connect simply responds to the commands from the vehicle controller to provide BrAC test results.

L Connect can also be used to enhance systems that control the starting and movement of the vehicle, such as telematics, creating a robust alcohol ignition interlock from existing vehicle management systems.

Fleet monitoring solutions

Fleet management of commercial vehicles relies on centralized fleet management systems to monitor and report on vehicle and driver behaviour in real time. L Connect is integrated with existing vehicle management systems to deliver superior performance, control costs, and reduce downtime. Real-time monitoring of driver breath alcohol content allows for immediate corrective action in case a violation is detected.

Real-time communication

L Connect enables fleet managers to monitor the sobriety of drivers remotely, with real-time results and violation notifications, including date, time, and breath test result for each event. Designed to integrate directly into telematics systems or taximeters, the handset obtains power from the vehicle, with all data communicated to the vehicle management system via CAN Bus or RS-232 protocol.

Secure data handling

Test results are recorded in the memory of the handset, and can be transferred to a central database via cable through a download station, or remotely with telematics integration. Data logs can be accessed through AlcoFleet™ software, allowing fleet managers to access the full event log as needed. Communication between the device and the database is protected with AES 128 bit encryption standard for security of the memory and data file transmission.

Anti-circumvention

Anti circumvention technology ensures that accepted breath samples come directly from a human subject and are not affected by environmental factors, such as dust, humidity, or temperature. Configurable device settings are only accessible to fleet management or authorized personnel when connected to AlcoFleet software.

Your safety, our promise

IATF 16949, ISO 9001, ISO 14001, ISO 17034 and ISO/IEC 17025 certified, ACS ensures high quality design and manufacturing of all products and services while balancing our respect for the environment. Our commitment to safety, quality and customer service defines our industry leadership.



Sensor
Dual, electrochemical sensor



Specificity
Alcohol only; no response to ketones or hydrocarbons



Range of measurement
0 to 500 mg/dL



Analysis time
5 to 25 seconds



Recycle time
10 to 30 seconds



Accuracy
± 5 @ 50 mg/dL



Display
OLED



Communication protocol
CAN Bus, LIN, RS-232



Operating temperature
-40 °C to +85 °C



Operating voltage
12 or 24 volt DC



Calibration
ALCOSIM™ breath alcohol simulator or equivalent



Dimensions
140 mm x 50 mm x 25 mm



Weight
105 grams



Certification
CENELEC