ALCOLOCK™ V3

Alcohol Ignition Interlock

Available through:

AIS — AFFORDABLE INTERLOCK SYSTEMS

Contact Details:
P: 1-800-252-656
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Designed in Canada by
Alcohol Countermeasure Systems Corp

TÜV MANAGEMENT SERVICE — ISO 9001
TÜV MANAGEMENT SERVICE — ISO 14001
TÜV SÜD — ISO/TS 16949

ACCREDITED — CERT #4169.01 ISO/IEC 17025
ACCREDITED — CERT #4169.02 ISO 17034

Warranty

All ACS alcohol ignition interlocks 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 alcohol ignition interlock.

V3
READY
ALCOLOCK™

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ACS
ALCOHOL COUNTERMEASURE SYSTEMS

ALCOLOCK V3 alcohol interlocks are designed for commercial environments, featuring proven durability and testing features. The device inhibits vehicle operation if the driver has been drinking.

Quality engineering

ALCOLOCK V3 alcohol interlocks are engineered to withstand the vibration, dirt, dust, humidity and extreme temperatures typically found in commercial applications. They can be installed in any motorized equipment, including trucks, ships, trains and heavy machinery.

Simple breath sampling

Drivers use the handset to provide a breath sample. Within seconds the ALCOLOCK V3 device analyses it for breath alcohol content (BrAC) and displays instructions to the driver. Sensors help ensure mechanical devices such as air pumps cannot be used to circumvent the system.

Programmable

Drivers may be tested at the beginning of their shift or at intervals throughout the day. The ALCOLOCK V3 system can be programmed to meet company safety policy requirements. Proprietary software allows reporting and logging of breath test results, times, dates and more.

Emergency override

ALCOLOCK V3 devices include an electronic override for emergency situations. Its use may be monitored using the system software, ensuring the ALCOLOCK V3 is being allowed to perform its primary function.

Secure
and reliable
commercial risk
management

ALCOLOCK V3 with Wi-Fi

ALCOLOCK V3 with Wi-Fi is the latest technology in the series of alcohol interlocks for commercial vehicles.

Wireless data transmission

Event log data is automatically transmitted from the ECU whenever the vehicle comes in range and is authenticated by the fleet Wi-Fi base station. Fleet managers can access the data online via a secure network application.

Secure data handling

Event log files and communication are protected with AES 128 bit encryption standard for security of the memory and the transmission of data files. Flash memory preserves the event log when the vehicle battery is disconnected.

Focus™ camera option[1]

ALCOLOCK V3 allows for positive identification of the driver each time a breath sample is given. ALCOLOCK V3 triggers the mounted camera to take an image at the time of the test - the image is then time stamped and stored in a database to view.

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1. The Focus camera is optional for the Wi-Fi version.

2. Data can be transferred via Wi-Fi, Bluetooth, GPRS or telematics, depending on the model purchased. All devices can manually transfer data through a download station.

Sensor
Electrochemical

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
Graphic LCD

Memory
100,000 logged events

Data transfer[2]
Wi-Fi 802.11 BGN

Operating temperature
-40 °C to +85 °C

Operating voltage
12 or 24 volt DC

Calibration
ALCOSIM™ breath alcohol simulator or equivalent

Dimensions
150 mm x 48 mm x 50 mm

Weight
220 grams

Certification
CENELEC EN 50436-2