

ALCOLOCK™ V3

Series B-2 Wi-Fi



ALCOHOL INTERLOCK TECHNOLOGY

The ALCOLOCK V3 B-2 with Wi-Fi is the latest in the series of alcohol interlocks for commercial vehicles. It consists of an interactive handset to conduct breath alcohol tests and to communicate with the driver, and an electronic control unit that is connected to the power and control circuits of the vehicle.

ALCOLOCK V3

Series B-2 Wi-Fi Alcohol Interlock Technology



Ease Of Use

Simply blow into the handset and within seconds the alcohol test is complete and the vehicle may be started.

Anti-circumvention

Breath signature technology ensures that accepted breath samples come directly from a human subject and have not been filtered or altered before the alcohol sensor performs the analysis.

Emergency Override

An electrical override of the starting mechanism is provided for emergency use. Activation is recorded and tamper evident for fleet management review.

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.

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.

Quality Engineering

Engineered to withstand the rigours of commercial fleet environments including dust, vibration, humidity and extreme temperature. Manufactured according to TS 16949 quality standards and conformity of production norms.

Certification

The ALCOLOCK V3 B-2 device meets the European (CENELEC EN 50436-2) norm for alcohol interlocks to be used in commercial vehicles.

Specifications

Handset Size:	150 mm x 48 mm x 50 mm
Handset Weight:	220 grams
Sensor:	Electrochemical (fuel cell)
Specificity:	Alcohol only; no response to ketones or hydrocarbons
Temperature Range:	-40 to +85° C
Initial Test:	30 seconds
Breath Sample:	5 second moderate and continuous breath sample
Analysis Time:	5 to 25 seconds
Recycle (Recovery) Time:	10 to 30 seconds
BAC Result:	Tri-colour LED (Pass, Warn, Fail)
Range of Measurement:	0 to 1.00 mg/L
Accuracy:	± 0.03 @ 0.20 mg/L
Display:	Graphic LCD
Memory:	100,000 events log
Automatic Power Down:	Programmable
Mouthpiece:	Round (model: 95-000250)
Calibration:	Alcohol Reference Solution or Dry Gas
Operating Voltage:	12 volt or 24 volt DC
Data Transmission:	Wi-Fi 802.11 BGN

ALCOLOCK, ALCOHOL COUNTERMEASURE SYSTEMS, ACS and "The Molly" are trademarks of Alcohol Countermeasure Systems (International) Inc. and are used under license. Alcohol Countermeasure Systems is trading style of Alcohol Countermeasure Systems Corp.

20121130

