



ALCOHOL COUNTERMEASURE SYSTEMS

# ALCOLOCK™ WR2



## Alcohol Interlock Technology for Judicial & Administrative Compliance Monitoring

The ALCOLOCK WR2 measures the breath alcohol concentration (BrAC) of a driver and prevents the vehicle from starting if the driver BrAC is over a preset limit. Engineered specifically for drink-driving offenders, the ALCOLOCK WR2 includes multiple features to prevent circumvention of the unit.



# ALCOLOCK™ WR2

Alcohol Interlock Technology



## Forefront Innovation

The WR2 combines extensive field experience with the latest in advanced electronics and sensing technology. The result is a breath alcohol analyzed ignition interlock device (BAIID) that has been designed to overcome the limitations of earlier interlock devices and to meet the challenges of new program standards.

## Program Compliance

The WR2 alcohol interlock features alcohol specific sensing and comprehensive anti-circumvention technology coupled with extensive electronic memory and reporting to ensure program integrity and user compliance.

## Electronic Monitoring

The WR2 features an enhanced data logging capability for more effective monitoring of a broad range of events and conditions, and a more sophisticated reporting format including statistical analysis of events over extended periods to enable comprehensive program review.

## WR2 Alcohol Interlock

The WR2 is an electronic breath alcohol analyzer that connects with the ignition and other control systems of a motor vehicle. It measures the BrAC of the intended driver and prevents the vehicle from being started if the BrAC exceeds a preset limit.

It is comprised of a detachable Sample Head and a Control Module that is hard wired to the vehicle in a tamper-resistant fashion.

The specifications and features of this alcohol ignition interlock meet all prescribed NHTSA standards worldwide.

## Advanced Technology

**Alcohol Specificity:** the sensor is not affected by environmental or biological vapors, such as ketones, cigarette smoke or vehicle exhaust.

**Extended Ambient Range:** the device is capable of operating accurately in extreme climatic conditions (-45°C to +85°C, 95% RH) and altitudes up to 3500 meters.

## Smart Performance

Functional intelligence provides hum tone monitoring, random running retest, bypass detection, service reminder, and violations

reset to provide immediate recall in the event of non compliance with program conditions.

## WR2 Features

**Language Selection:** permits user-controlled selection of language in which messages are displayed.

**Emergency Override (optional):** a single-use feature which allows vehicle to be started and/or operated in an emergency without a breath test.

## Specifications

Sensor:	Electro-chemical (fuel cell)
Accuracy:	± 5 percent
Stability:	± 5 mg% after 67 days
Time to Ready:	1 to 5 minutes depending on ambient temperature
Breath Sample:	Continuous expiration for 5 sec
Breath Volume:	minimum 1.5 liters
Readout:	Pass, Warn, Fail or digital display
BAC Format:	mg%, %BAC, Promille, or mg/L
Temperature Range:	-45°C to +85°C
Humidity:	up to 95% RH
Altitude:	up to 3500 meters
EMI:	surpasses FCC Class A standards
Voltage Range:	9 to 18 volts dc
Vibration:	exceeds SAE standard J1211
Compliance Standards:	Meets published standards for USA, Canada, Australia and Sweden

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