



WR3 Ignition Interlock

The WR3 is an alcohol interlock device that is specifically designed for DUI offender ignition interlock programs. It combines evidential breath alcohol measurement technology with innovative anti-circumvention features to provide the leading choice in alcohol interlock devices.

Introduction

The WR3 is an innovative breath alcohol testing instrument which is installed in a vehicle in a way that links its operation to the ignition, starter, electrical and other on-board systems. The purpose of the WR3 is to measure the blood alcohol concentration (BAC) of the intended driver and to prevent the vehicle from being started or operated if the BAC is over a preset limit.

Anti-Circumvention

The WR3 includes an advanced form of hum-tone detection as part of the means to prevent cheating. The intended driver must provide a moderate and continuous breath sample for a period of 5 seconds while simultaneously engaging a humming sound in order to satisfy the breath test requirement. Additionally, the breath flow rate is monitored to ensure a proper sample is being delivered before the breath alcohol measurement is taken.

Running Retest

The WR3 includes a provision for engaging a retest requirement on a random time basis to ensure that the driver has not been drinking since the vehicle was first started. A tone will sound and "retest" will be displayed to instruct the driver that a retest is required. If the test is not conducted, a sanction may be engaged.

Program Features

The WR3 is uniquely designed for DUI offender ignition interlock programs and can be tailored to meet specific program requirements of any jurisdiction. The interlock device records breath test results and other data relevant to compliance with program conditions, which is made available for review by administering authorities via secure on-line web application.





WR3 - SPECIFICATIONS

Size:	15 cm x 4.6 cm x 5 cm
Weight:	400 grams
Sensor:	Electrochemical (fuel cell)
Accuracy:	±0.02 at 0.20 mg/L
Number of Tests:	Unlimited within calibration every 6 months
Operation in ambient temperature:	Reliable in extreme temperatures from -45° to 85°
Power Up Time:	150 seconds @ 20°
Purge cycle:	30 seconds
Breath sample:	5-second moderate and continuous breath sample
Analysis Time:	5 to 25 seconds
Recycle (Recovery) Time:	10 to 30 seconds
Readout Format:	BAC Reading
Mouthpieces:	Round mouthpiece (95-000140)
Display:	Graphic LCD Display
Calibration:	Alcohol-Water simulator
Complete package includes:	WR3 Handset Relay Module Installation Manual Installation Kit Wiring Harness Handset Clip Fixture User Guide Bag of Mouthpieces

Optional Equipment

Additional mouthpieces, siren

Warranty

WR3 ignition interlocks are warranted to be free from defects in workmanship and material for one year from the date of installation. Guardian will replace or repair any unit or part that in its judgment is found to be defective, providing that the defect has not been caused by misuse or mishandling. Units in warranty must be properly packaged and shipped prepaid to Guardian.