

## AutoWatch Alcolock WAB/TAB

### Alcohol sensitive vehicle immobilisation

#### Advanced Biometric Solution

The AutoWatch WAB (Wireless Alcohol Breathalyser) or TAB (Tethered Alcohol Breathalyser) systems give an advanced vehicle immobilisation solution to prevent driving while over the legal alcohol limit. This reduces the risk and exposure of Fleet Owners where accidents are extremely costly in terms of the loss or damage to the cargo, the vehicle and the loss in production while the damaged vehicle is out of service.



#### How it works

- The driver blows into the alcohol sensor (WAB or TAB) to verify that he is under the legal limit, which will release the immobiliser allowing the vehicle to start.
- Drivers who are over the legal limit will be prevented from starting their vehicles by the unit remaining immobilised.
- The WAB and TAB can be configured to lock out or allow multiple retests to release the immobiliser thus allowing a driver to wait until his blood alcohol level drops and blow into the sensor again.
- If the Re-test Feature is selected then at pre-defined intervals the system will require a new breath sample to be provided. This ensures that drivers are re-tested at random while on route.
- All sample information and failures are stored in a non volatile memory with date and time stamp.
- If a failure occurs this can be automatically communicated if the optional GSM module is connected.
- The TAB has a built in temperature sensor therefore with the unit permanently fitted to the vehicle, warm up times in Winter and cooling down times in Summer are significantly reduced.
- All parameters in the WAB, TAB and VBS are configurable to meet operating requirements.

Feature	WAB	TAB
Dash mount Interlock status LED (Driver Change Switch)	✓	✓
Driver random testing facility (selectable at installation)	✓	✓
Vehicle restart time as per required interval (selectable at installation)	✓	✓
Driver Change facility - ensuring that new driver is tested	✓	✓
"ECCM" Electronic Counter Circumvention Measures to distinguish between mechanical simulated breath samples and human breath samples	✓	✓
Three safe and secure override facilities for unforeseen situations to ensure vehicle mobility	✓	✓
GSM module for remote reporting purpose (optional)	✓	✓
Configurable to integrate into a vehicle's fleet management or tracking system or to an optional GSM module	✓	✓
12/24 Volt vehicle operation (selectable)	✓	✓
Can serve as a security device	✓	
Wireless, making it portable	✓	
Fully automatic and simple to use with interactive display "PASS", "FAIL" & "Please take sample"	✓	✓
Fuel Cell Technology for greater stability and accuracy	✓	✓
Fast accurate analysis with high specificity to alcohol	✓	✓
Ergonomic design	✓	✓
Individually hygienically wrapped low cost mouth-pieces	✓	✓
Memory storage capacity of up to 4000 results with date and time stamp including alcohol breath concentrate, pass and fail	✓	
Memory storage capacity of up to 16,000 records extendable to 200,000 records with date and time stamp including alcohol breath concentrate, pass and fail		✓
Once off and re-programmable emergency override facility	✓	✓
PIN activated - Supervisor menu - allowing fleet managers to view and monitor results	✓	✓
PIN activated - Service menu - quick access to parameters	✓	✓
Data download facility to PC or a PALM	✓	✓
Rechargeable Li-Ion Battery capable of up to +/-300 samples	✓	
Service/Valet mode selected via PIN	✓	✓
Multi Language	✓	✓
CANBus compatible	✓	✓
TAB/VBS - RF Data download (optional)		✓