

AlcoTrue® AL

For professional in-vehicle breath alcohol safety determination



» PRODUCTS that care
for you «



Validates driver and vehicle operation safety «



AlcoTrue® AL – the professional breath alcohol ignition interlock device prevents drink driving and improves road traffic safety.

Key features

- Wireless data communication; no cables inside the car
- TripLog provides automatic electronic driver's log
- European certification for use on motor vehicle
- Adaptable: multiple handsets can be used with one control unit or one handset can be used with multiple control units
- Multifunction capability: handset for driver and private test and TripLog functionality
- Rapid, precise and reliable measurements through professional microprocessor controlled *bluepoint*® fuel cell technology
- All records stored in data memory
- Data Manager software allows detailed analysis and management reporting
- Intuitive user interface (self-explanatory)
- Securesystemdesignpreventsstamperinganddatamanipulation
- Switch on and start test immediately
- Low maintenance and spare part costs
- 2 years warranty

Improving health and safety at work

The use of professional breath alcohol ignition interlock devices prevents "drink driving" and ensures that organisations, shareholders, directors, companies, fleet managers, owners and carriers can openly demonstrate they are acting with full responsibility to ensure the safe transport of its passengers. Endorsing; local health and safety and drink driving regulations.

- Public Transportation: Taxis, Buses, Coaches
- Goods Transportation: Private owners, Fleet organisations, Businesses

Reducing risk and costs

The optional TripLog functionality in conjunction with the professional breath alcohol ignition interlock provides automatic electronic trip records about the driven distance, whilst minimising risk of drink driving. The Data Manager software allows a visualisation of the records.





Automatic electronic driver's log, Data Manager software

*TripLog – the automatic electronic driver's log helps optimise company vehicle expense.
Data Manager software – rapid and easy analysis and visualisation.*

Delivery package of AlcoTrue® AL

- AlcoTrue® AL handset and control unit (incl. space cable set for 12/24 VDC application)
- 25 individually packed mouthpieces (S-Type)
- 3 x AA Alkaline batteries and rechargeable Li-ion battery
- Li-ion battery car charger for motor vehicle (12/24 VDC)
- User manual
- Installation manual

Optional accessories

- Li-ion battery charger for main supply (110/230 VAC)
- Data Manager software license (CD ROM)
- USB data manager stick
- SD card
- Hot support license (24 hrs)
- TripLog standard package with PC software, GPS receiver, RF module, Maps for Germany, Austria, Switzerland, Benelux, Maps for Europe projected



Technical data

Specifications		
Principle of measurement	Electrochemical Bluepoint-Sensor with high precision intelligent microprocessor sampling system	
Measurement accuracy	BrAC	3 % of measured value (0 - 0.5 mg/l)
Ready for operation (Warm-up time)	≤ 6 s to max. 3 min after switching on, over the whole temperature range	
Sampling	Driver Test	Automatically sampling after achieving the minimal volume (1.2 L), if "pass" the engine can be started
	Private Test	Optional mode
Display	Active OLED colour display (34 mm x 29 mm)	
Measurement units	mg/l (standard); other units for Private Test are available	
Car starting conditions	Emergency-Start	Active (standard)
	Start-Period	Adjustable
	Restart-Period	Adjustable
	Re-Test during driving	Adjustable
Language	Handset	National language
Data memory	Up to 4000 events (internal memory), optional memory expansion with SD card possible	
Calibration	Wet and dry gas calibration; 6 month calibration interval (expansion on request)	
Environmental conditions		
Handset	Operation	-20 to +65 °C, 10 to 98 % rH (non-condensing), 600 to 1400 hPa
Control unit	Operation	-40 to +85 °C, 10 to 98 % rH (non-condensing), 600 to 1400 hPa
Miscellaneous		
Wireless data transfer	2.4 GHz ISM-Band	
Power supply	Handset	3 x 1.5 V type Alkaline battery; (Mignon, LR6, AA), alternative rechargeable Li-ion battery
	Control unit	12/24 VDC
Dimensions (L x W x H)	Handset	132 mm x 63 mm x 26 mm
	Control unit	125 mm x 100 mm x 33 mm
Weight	Handset	approx. 175 g inclusive Alkaline batteries, approx. 145 g inclusive rechargeable Li-ion battery
	Control unit	approx. 255 g
Standards	AlcoTrue® AL is certified to EN 50436-2; Certificate to E5	

Specification subject to change

AlcoTrue® AL is certified to EN 50436-2 (CENELEC).

For further information, please visit

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