

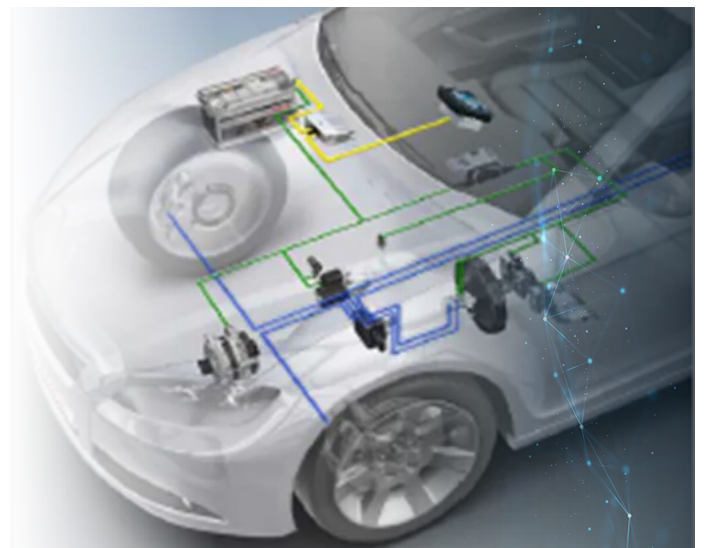


Prevent Drunk Driving Before It Starts. Ensure Safe Driving with ALCOSCAN.

This advanced Breath Alcohol Ignition Interlock Device (BAIID) prevents a vehicle from starting if alcohol is detected on the driver's breath. Ideal for both personal and fleet vehicles, the ALX3000 ensures every driver is fit to drive.

How it Works

A driver must pass a breathalyser test using the ALCOSCAN ALX3000 handset before the engine can start. If alcohol is detected above the legal limit, the ignition is disabled.



Handset Features

- **Alcohol Sensor:** Detects alcohol from breath
- **Temperature & Flow Sensors:** Ensures valid breath samples
- **Altitude Sensor:** Adjusts for environmental conditions
- **OLED Display:** Shows PASS/FAIL result in 2-colour LED
- **Memory:** Saves test results and references
- **Audible Buzzer:** Sound alerts for test results
- **Pump & Sampling Tube:** Maintains breath conditions

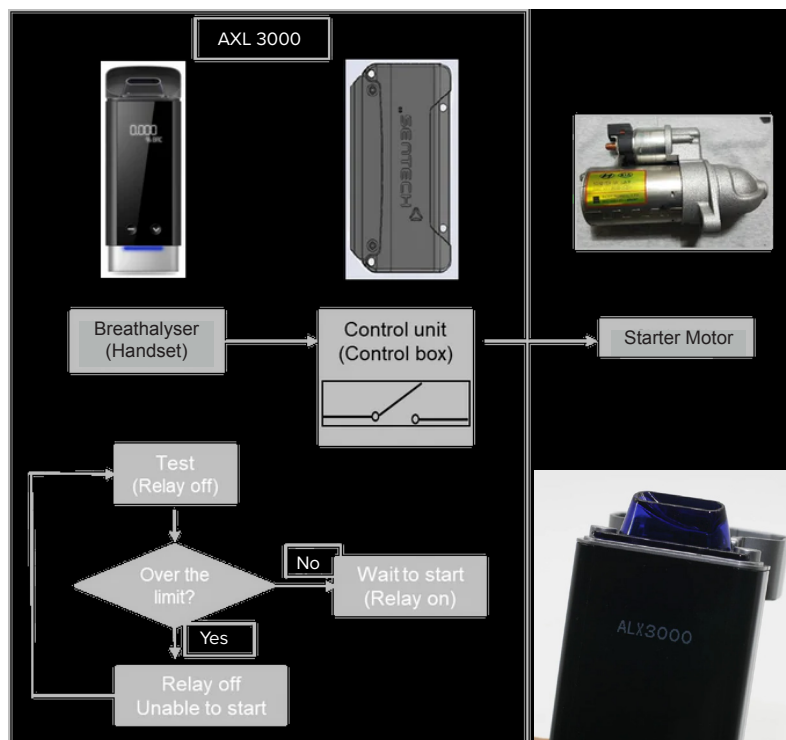
Control Box Features

- **Relay Control:** Disables ignition on failed test
- **MCU & Timer:** Manages test logic and timing
- **Data Memory:** Stores up to 100 000 event logs
- **Communication IC:** Sends data to PC or server
- **Power & I/O Circuit:** Monitors and interfaces with vehicle systems



SPECIFICATIONS

Size	Handset (160 x 58 x 34 mm); Control Box (108 x 158 x 38 mm)
Weight	Handset 135 g, Control Box 650 g
Operating Temperature	-40 °C ~ 85 °C
Result Range	0.00 ~ 2.00 mg/ℓ
Warming-up Time	Less than 60 sec. at -20 °C
Analysis Time	5 – 25 sec.
Recovery	10 – 30 sec.
Power Supply	12 – 24 VDC
Calibration	Every 12 months or per regulation
Certifications	EN 50436-1:2014, EN 50436-2:2014, E-Mark (E11), IATF 16949:2016



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