



Evidential Analyser

The SAF'IR EVOLUTION is the world's only infrared alcohol tester small enough to carry in one hand. It features evidential accuracy OIML R 126 certification making it ideal for law enforcement applications.

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Mobility

Ergonomic and a format dedicated for comfort of use:

- The performances of a fixed ethylometre developed for a portable, autonomous and slim profile device
- Optimized start-up time management for a device ready in less than a minute
- Smart interface thanks to one main button along with three intuitive navigation keys
- Great battery life that can be extended through a connection to a vehicle (cigarette lighter adapter)
- Bluetooth printing capabilities and GPS applications
- Accessories adapted and organized in a shockproof and compact case

Reliability

A unique infrared technology at the disposal of ethylometres:

- Removal of physiologic interferences thanks to a spectral selectivity
- Cell stability and self-adjustment of the measuring system combined to filter out any drifting effect
- Cycle time independent of the measured alcohol concentration
- Instant response time and immediate display of results
- Continuous analysis throughout the blowing period allowing to check its integrity

ACS and the Environment

Environmentally-friendly engineered:

- Waste prevention with a device that is up to 95% recyclable and reduced packaging
- Biodegradable mouthpieces made from recycled vegetable waste and recyclable mouthpieces
- Compliant with RoHS and REACH environmental standards
- Eco-friendly manufactured device through a 15-fold reduced energy consumption, a reduction in the number of components and their tooling

Warranty

ACS breath alcohol testers are warranted to be free from defects in workmanship and material for one year from the date of purchase. It is recommended that only qualified Technicians perform maintenance of any breath alcohol tester.



Specifications

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| Size and Weight: | 85mm x 255mm x 46mm – 600g |
| Measuring Principle: | Infrared spectrometry ethanol molecule-selective 9.46 µm-wavelength |
| Measuring Cycle: | Automatic with monitoring and diagnosis of good operation |
| Measurement Unit: | mg/L of alcohol in exhaled air, µg/L air, g/L blood BAC, %BAC |
| Measuring Range: | 0 to 2,00 mg/L (0 to 450 BAC) |
| Measurement Display: | Function of unit chosen, accuracy maximum 1 µg/L |
| Measuring Frequency: | Ready to blow in less than 30 seconds |
| Calibration: | Dry gas / wet gas |
| Ambient Temperature: | -5°C to +40°C |
| Data Transfer: | PC via USB port and ACS software |
| Memory: | Over 3,200 time-stamped events with Bluetooth printing |
| Display: | Graphic LCD |
| Power Supply: | Built-in rechargeable NiMH battery |
| Features: | Bluetooth printing and GPS applications |
| Battery Life: | Over 20 hours |
| Certification: | OIML R 126 1998 - edition international recommendation |



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