

# SAF'IR™ EVOLUTION



## EVIDENTIAL ANALYSER

The SAF'IR EVOLUTION is the first 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.

# SAF'IR EVOLUTION

## Evidential Analyser



### Mobility

Ergonomic design, optimized for portable, handheld use:

- All of the capabilities of an evidential analyser, combined with an autonomous, slim device
- Optimized start-up time: device ready in less than one minute
- Simple, intuitive user interface and navigation
- Healthy battery life that can be easily extended (via vehicle cigarette lighter adapter)
- Bluetooth printing and GPS capabilities
- Accessories included in a compact, shockproof case

### Reliability

This unique breath alcohol tester utilizes infrared technology, ideal for:

- Spectral selectivity (perfect for the removal of physiologic interferences)
- Cell stability and self-adjustment of the measuring system, eliminating any 'drifting' effect
- Cycle time independent from the measured alcohol concentration
- Instant response time and immediate result display
- Continual analysis throughout the blow intake process for maximum accuracy

### ACS and the Environment

Environmentally friendly engineering:

- 95% recyclable materials and reduced packaging
- Biodegradable mouthpiece
- RoHS and REACH environmental standard compliant
- Eco-friendly manufacturing requires less energy to manufacture

### Limited Warranty

ACS breath alcohol testers are warranted to be free from defects in workmanship and materials for one year after the date of purchase. To avoid warranty complications, it is recommended that only qualified Technicians perform maintenance of any breath alcohol tester.

### Specifications

Size and weight:	85 mm x 255 mm x 46 mm — 600 grams
Measuring principle:	Infrared spectrometry ethanol molecule-selective 9.46 $\mu\text{m}$ -wavelength
Measuring cycle:	Automatic with monitoring and diagnosis of good operation
Measurement unit:	mg/L of alcohol in exhaled air, $\mu\text{g/L}$ air, g/L blood BAC, %BAC
Measuring range:	0 to 2,00 mg/L (0 to 675 BAC)
Measurement display:	Function of unit chosen, accuracy maximum 1 $\mu\text{g/L}$
Measuring frequency:	Ready to blow in less than 30 seconds
Calibration:	ALCOSIM™ or equivalent
Operating temperature:	- 5 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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