

# SAF'IR™ Evolution

## Evidential Breathalyzer

Available through:



### Alcohol Countermeasure Systems

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[acs-corp.com](http://acs-corp.com)

Designed in Canada by  
Alcohol Countermeasure Systems Corp

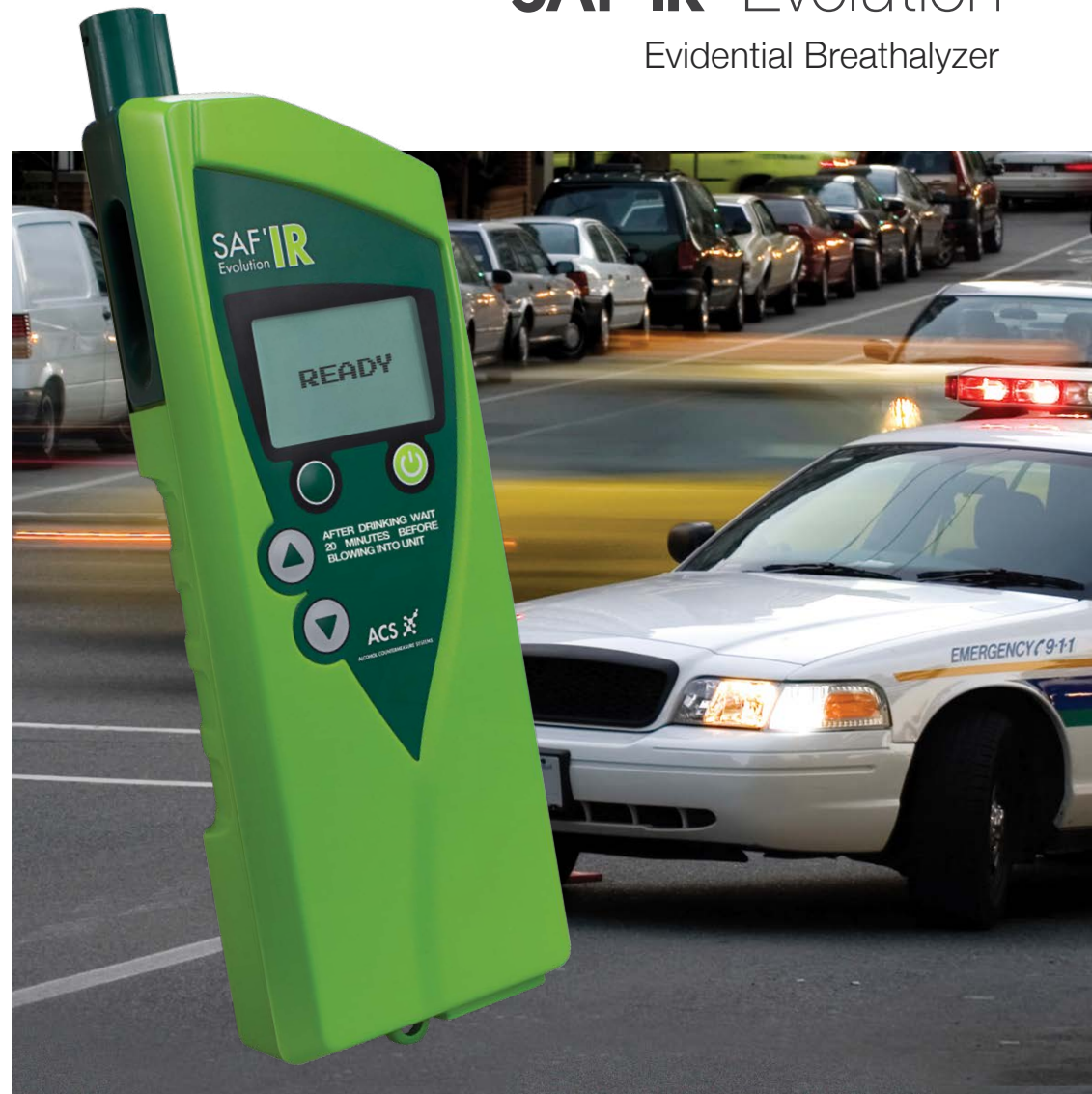


### Warranty

All ACS breath alcohol testers are warranted to be free from defects in workmanship and material for one year from the date of purchase. Only qualified technicians should perform maintenance on any breath alcohol tester.

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# Evidence in the palm of your hand

The SAF'IR Evolution is the industry's first handheld infrared breath alcohol tester, perfect for police enforcement. Able to withstand harsh conditions, this rugged evidential analyzer is a reliable partner for any law enforcement official.

## Reliable mobility

The SAF'IR Evolution, compared to the evidential breathalyzers in the industry, has all the capabilities with a fraction of the size. The SAF'IR Evolution uses an infrared sensor, allowing for instant on screen readings of all test results.

## Quick test analysis

When you're in the field, whether providing spot sobriety checks or when someone's keys need to be taken away, you don't have time to fool around with complicated interfaces and slow calculations. The SAF'IR Evolution totes an easy to use interface and wastes no time in providing the results required.

## Evidential sensor

We pride ourselves on the quality of manufacturing that goes into every single breath alcohol sensor we produce. The SAF'IR Evolution uses infrared (IR) technology to guarantee the best evidential results possible.

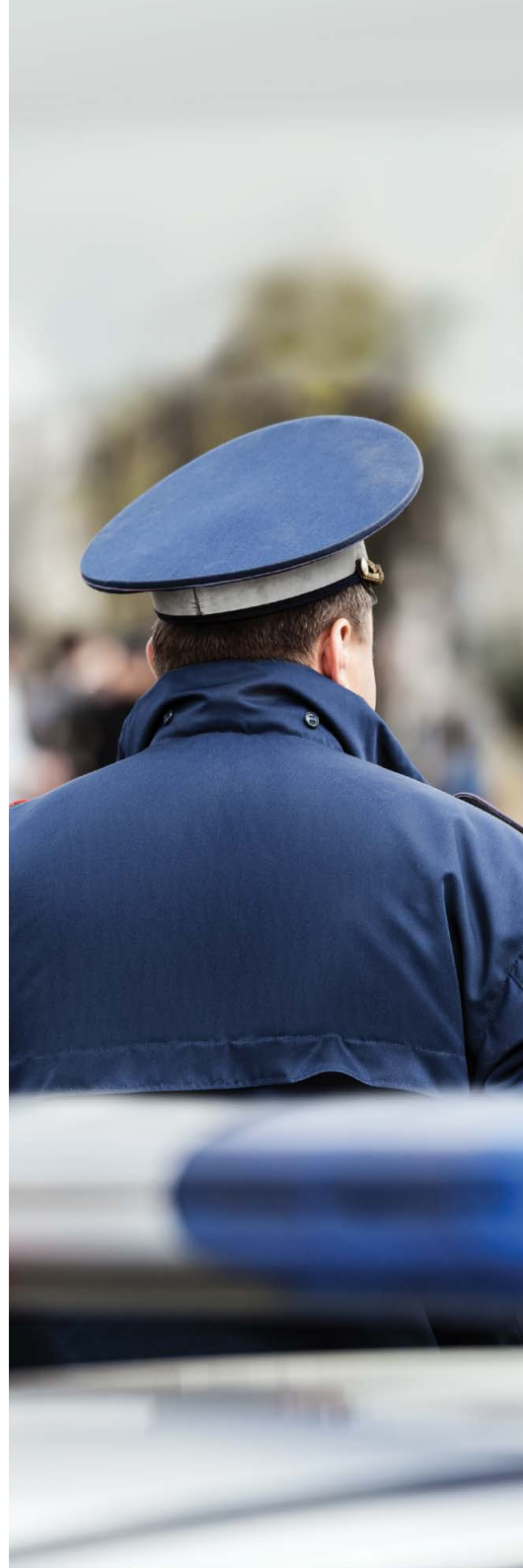
## Evidence in your hand



















The SAF'IR Evolution has plenty of battery life that can be extended via a standard 12V adapter. Print evidential results in the field by pairing it with a portable Bluetooth printer, complete with timestamps and GPS\* coordinates.

## Your safety, our promise

ISO TS 16949, ISO 9001, ISO 14001, ISO/IEC 17025 and ISO 17034 certified, ACS ensures high quality design and manufacturing of all products and services while balancing our respect for the environment. Our commitment to safety, quality and customer service defines our industry leadership.

(\*) GPS is optional



-  **Sensing technology**  
Infrared absorption
-  **Specificity**  
Alcohol only
-  **Range of measurement**  
0 to 800 mg/dL
-  **Unit of measure**  
mg/dL, g/dL, g/L in blood  
mg/L, µg/dL, µg/L in breath
-  **Time to ready**  
< 30 seconds
-  **Analysis time**  
< 10 seconds
-  **Recycle time**  
< 20 seconds
-  **Accuracy**  
±5 @ 100 mg/dL
-  **Display**  
Graphic LCD
-  **Memory**  
3,200 time-stamped events
-  **Printer**  
Thermal, Bluetooth
-  **Data transfer**  
PC via USB cable and ACS  
proprietary software
-  **Operating temperature**  
-10 °C to +50 °C
-  **Battery**  
Built-in rechargeable NiMH battery
-  **Calibration**  
ALCOSIM™ breath alcohol simulator  
or equivalent
-  **Dimensions**  
85 mm x 255 mm x 46 mm
-  **Weight**  
600 grams
-  **Certification**  
OIML R 126 1998 – edition  
international recommendation