



# Sentrac Strix™ Edition Hydrogen Leak Detector

Simple to use hydrogen leak detection



 **INFICON**  
Inspired by visions. Proven by success.

# Fast hydrogen leak locating with low cost of ownership

**A leak can be microscopic. It can also be large or even huge. The problem is that you will not know until you find it and this will affect your choice of which leak detector to use for any given situation. With our renowned hydrogen leak detector Sensistor Sentrac®, we made that choice quite a bit easier.**

Known for its high sensitivity, large dynamic range and short recovery times, Sensistor Sentrac has proven to be a perfect fit for many industrial applications demanding fast and easy detection of a wide range of leaks. In fact, locating leaks has never been easier – until now.

## INTRODUCING SENTRAC STRIX EDITION

The new Sentrac Strix Edition expands our line of hydrogen leak detectors. What sets Sentrac Strix Edition apart from the original Sensistor Sentrac is the all-new hand probe: Strix.

With its brand new sensor, Strix not only features quicker reaction times, but also much faster recovery. In essence, this means that you are now able to find those smaller leaks even easier – without ever compromising your ability to find the larger ones as well. It also means that you will be ready for a small leak right after you have detected a huge leak.

In addition, with a longer lifetime than the previous sensor, Strix lowers your total cost of ownership, making it a sensible investment. And if you are already a Sensistor Sentrac owner, the new Strix hand probe would be an optimal upgrade.

This is Sentrac Strix Edition. Fast leak locating with low cost of ownership.



## ADVANTAGES AT A GLANCE

- Faster throughput for locating tasks
- Reduces risk of missing small leaks
- Finds and withstands the widest range of leak sizes
- Easier access on complicated geometries
- Truly intuitive search modes
- Resilient to high tracer gas backgrounds
- Longer sensor lifetime
- Lower cost of ownership

## TYPICAL APPLICATIONS

Suitable for a broad spectrum of production applications such as:

- Refrigeration
- Air Conditioning
- Automotive
- General industry



## STRIX SENSOR

- Faster reaction and recovery time, makes it easier to find small leaks
- Extended sensor life, spend less time and money on sensor replacement
- Locates leaks within 10 decades and no waiting after huge leaks



## STRIX HAND PROBE

- Smaller probe tip, for even easier access on complicated geometries
- Large display, minimizes operator mistakes
- Light and ergonomic, facilitates for operator
- Passive (no flow), resilient to high background levels of gas as well as to dust and dirt
- Available with hard and flexible neck

## SENSOR TECHNOLOGY

The Strix hydrogen sensor is a brand new, unique proprietary Gas-FET sensor. Developed to bring leak detection with forming gas (5% hydrogen in nitrogen) to the next level, Strix combines the Sensistor sensor technology with unique, newly developed sensing capabilities. Thanks to significantly improved reaction and recovery times even for those small leaks, the Strix sensor represents a further step in the development of hydrogen based leak detection solutions.



## SPECIFICATIONS

Min. detectable leak (Locating Mode with Strix Hand Probe)	5 x10 <sup>-7</sup> mbarl/s or cc/s with 5% H <sub>2</sub>
Min. detectable leak (Measuring Mode with Strix Hand Probe)	0.5 ppm H <sub>2</sub> ; 5x10 <sup>-7</sup> mbarl/s or cc/s with 5% H <sub>2</sub>
Start time	30 sec
Calibration	External test leak or calibration gas
In- and outputs	25 pin, D-Sub with following interface: -RS232 -Audio line out -Analog out -Digital 3 in/4 out, 24 V (dc) USB (slave) SD card reader
Maintenance	Maintenance free
Power supply	Desktop model: 100–240 V (ac), 50/60 Hz, 2 A Battery model: Internal rechargeable battery* (Li-Ion)
Dimensions (W x H x D)	Desktop model: 305 x 165 x 182 mm (12 x 6.6 x 7.2 in.) Battery model with case: 330 x 200 x 280 mm (12.9 x 7.8 x 11 in.)
Weight (exclusive probe and probe cable)	Desktop model: 4.2 kg (9.2 lb.) Battery model: 4.8 kg (10.5 lb.)
Operating time (battery model)	12 hours (without screensaver)
Charge time (battery model)	6.5 hours

\* Charged using adapter supplied, 100-240 V, 50/60 Hz, 0.3 A

## ORDERING INFORMATION

PRODUCT	Cat. no.
Sentrac Strix Edition, desktop model (Incl. Strix Hand Probe and 3 m C21 probe cable)	590-830
Sentrac Strix Edition, portable, battery operated model (Incl. Strix Hand Probe and 3 m C21 probe cable)	590-840
<b>ACCESSORIES</b>	
Strix Hand Probe	590-730
Strix Flex Hand Probe	590-740
Test Leaks	See separate data sheet
<b>SPARE PARTS</b>	
C21 Probe cables	
3 m (9.8 ft.)	590-161
6 m (19.6 ft.)	590-175
9 m (29.5 ft.)	590-165
Strix Sensor	590-290
Strix Probe Tip Protection Caps 50-pack	590-300
Strix Probe Tip Protection Caps 500-pack	590-305
Strix Probe Tip Filters 50-pack	590-310



[www.inficon.com](http://www.inficon.com) [reachus@inficon.com](mailto:reachus@inficon.com)

Due to our continuing program of product improvements, specifications are subject to change without notice.  
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