

I•TipSENS

I•TipRUGGED

I-Tip: The Innovative Sniffer Tips

A New Dimension
in Leak Testing



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



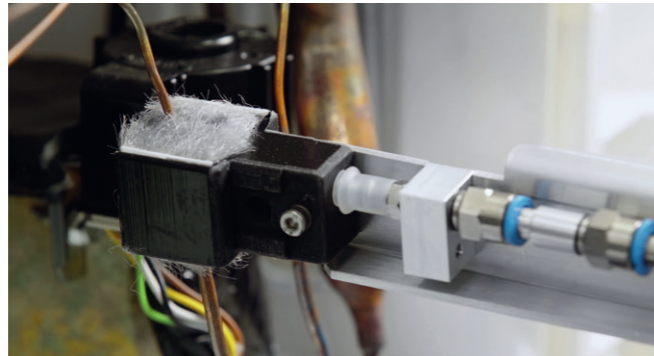
I-TIP SENS: FOR SENSITIVE APPLICATIONS

I-Tip SENS is equipped with compressed brushes that surround the measuring point – and finds even the smallest leak.



I-TIP RUGGED: FOR ROBUST APPLICATIONS

I-Tip RUGGED is equipped with a rubber lip that surrounds the measuring point – for dirty and rough applications.



Optimise Your Test quality: I-Tip Finds Every Leak

Do you sometimes overlook leaks? With the patented I-Tip sniffer tips from INFICON, you can make sure this does not happen again. I-Tip finds every leak – lightning fast, precisely, and reliably. This is possible as the innovative sniffer tips completely surround the measuring point – often a solder joint on a pipe – and suck in all escaping refrigerant and tracer gas. I-Tip sniffer tips provide precise testing results even at hard-to-reach measuring points. This way, you find more leaks in the shortest possible time. I-Tip can be used with the following INFICON leak detectors Ecotec E3000, Protec P3000 and XL-flex.

AUTOMATIC LEAK TESTING FOR YOUR PRODUCTION LINE

I-Tip sniffer tips are particularly powerful when combined with 3D image recognition and the Ecotec E3000 leak detector. This allows you to implement automatic leak testing directly in the production line, whether on refrigerators, heat pumps or heat exchangers.

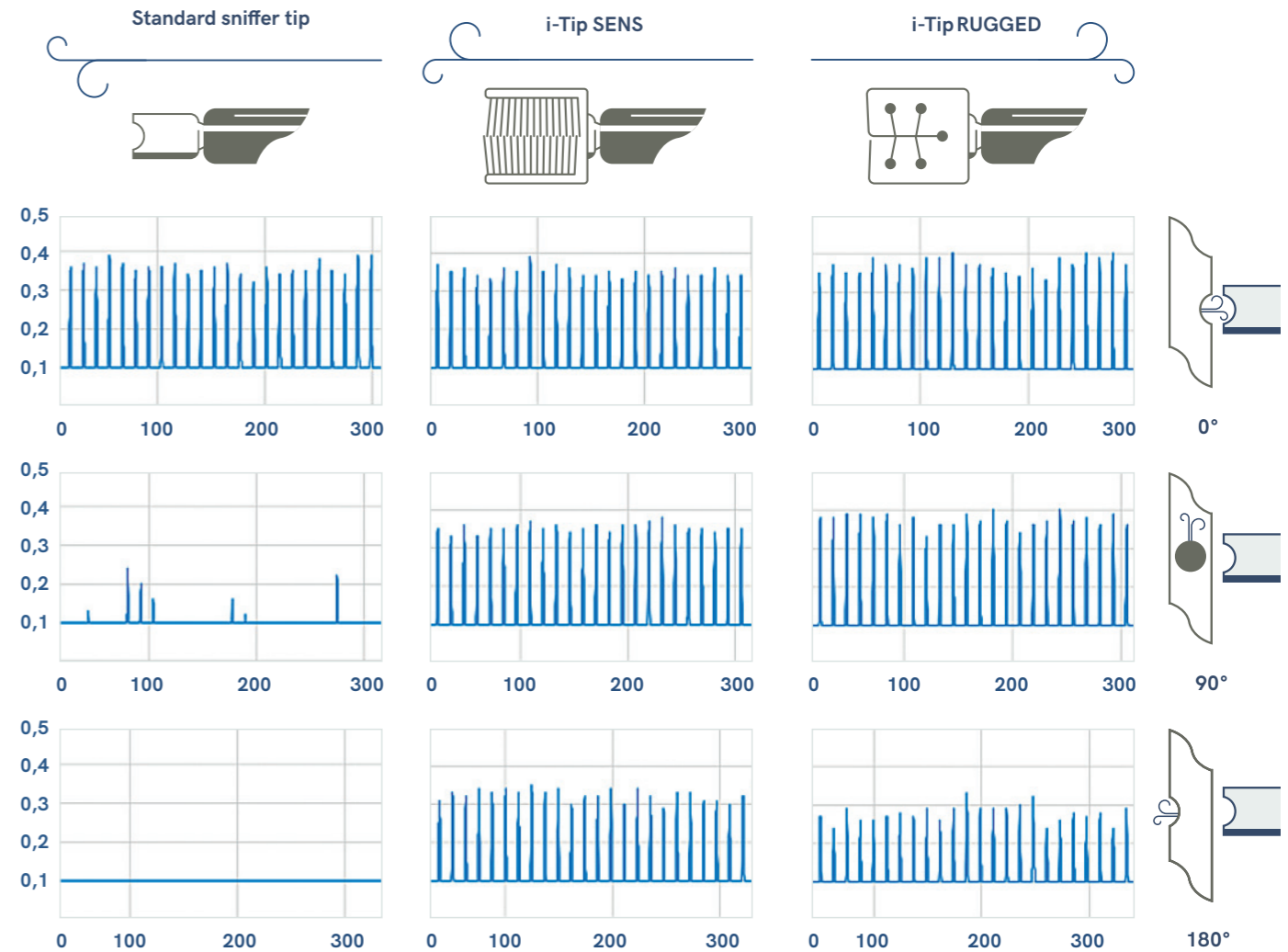
Precise Measurements Even in Hard-to-Reach Spots

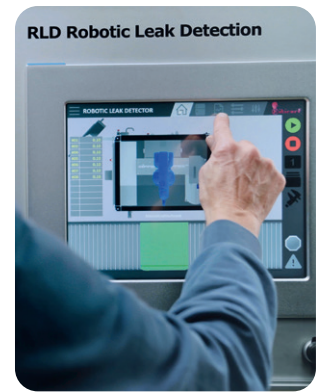
Thanks to their special design with brushes or rubber lips that completely enclose the pipe, I-Tip sniffer tips always reliably suck up leaking refrigerant or tracer gas – even in the case of leaks that do not leak forward.

Tests demonstrate how well a test leak of 0.33 g/a R600a is detected in a refrigerant line: with a standard sniffer tip, with I-Tip SENS and with I-Tip RUGGED. The following graphs show the results for each of the three sniffer tips for three different positions of the leak: pointed directly at the sniffer tip, at a 90° angle upwards, or at a 180° angle to the rear. For each leak position and sniffer tip, 25 readings were recorded.

PROVEN SUPERIORITY

It is easy to see that a conventional, non-capping sniffer tip detects leaks at a 90° angle extremely rarely. And leaks on the opposite side of a pipe remain completely undetected – unless you use I-Tip SENS or I-Tip RUGGED sniffer tips.



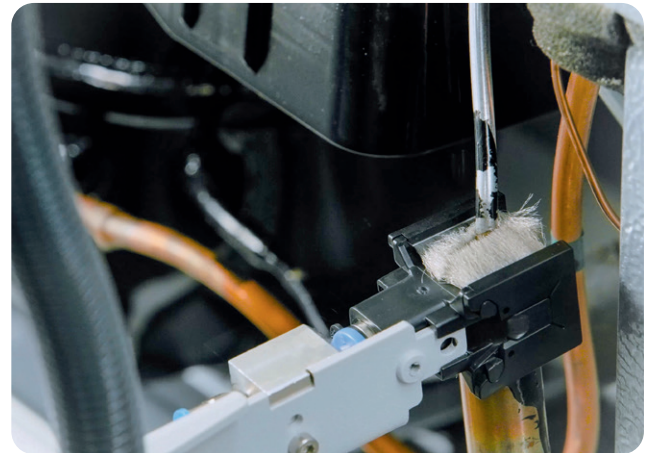


You would like to see how automated sniffer leak testing with I-Tip works? Watch our video!



Ordering Information:

- 531-040: I-Tip SENS package
- 531-041: I-Tip SENS small package
- 531-042: I-Tip RUGGED package
- 531-043: Adapter for I-Tip XL-line



Advantages of I-Tip at a Glance:

- Detection of even the smallest and most hidden leaks.
- Quality increase due to the detection of all leaks.
- Automatic measurements by robot possible, independent of any operator.
- Reduction of measurement times and helium consumption.
- Testing of any refrigerant lines from 2 to 14 mm in diameter.



ISO 14001
ISO 9001

Premium Quality
made in Germany

INNOVATION BASED ON PROVEN, PATENTED TECHNOLOGY

At INFICON, we know that leadership in technology can't happen without being a leader in innovation. This is why we develop and realize pioneering solutions that enable our customers to conquer even the future challenges facing their industry.



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Aufgrund laufender Produktverbesserungen können sich Spezifikationen ohne vorherige Bekanntmachung ändern.
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