SniffIT

HELIUM & HYDROGEN SNIFFER

SniffIT X1

"First mobile leak detector with real intelligence"

Specialist in leak testing & leak detection since 1973

nolek

40 Years

1973-2013

- Leak Testing -

SIMPLE, MOBILE, ACCURATE & AFFORDABLE

Nolek, the world´s leading expert in leak testing & detection since 1973, is proud to present a new generation of the unique SniffIT X1 product series of gas leak detectors. The new SniffIT X1 is fully digitalized with a screen that shows both quantitative numeric measurement values as well as graphical leak indications.

The new SniffIT X1 Digital contains temperature, pressure and humidity sensors that ensures very accurate measurements and a whole new level of sensitivity in the handheld leak detector market. The SniffIT X1 also has built in intelligence which in combination with the SniffIT Technology Sensor literally revolutionizes the gas detection market, as it is today.

The SniffIT X1 can log and store large amounts of measurement data. Simply attach the sniffer to a computer via a USB and transfer data. Software upgrades will be available through the Nolek.com website, and will be easy to install by connecting the SniffIT X1 to the computer.

SniffIT X1 is ergonomic and the smallest high quality instrument on the market, it weighs approximately 320g (0.7 lbs). The smallest detectable levels of Helium and Hydrogen with the SniffIT Technology Sensor is 1x10-5 mbar.l/s, making the technology one of the most sensitive in the marketplace today. The flexibility to detect both Helium and Hydrogen makes SniffIT X1 independent of the tracer gas used for leak detection, and it is the only one of its kind.

The SniffIT X1 at a glance

1. Replaceable filter
2. Flexible probe
3. Flashlight LED
4. Auto-zero / Flashlight button
5. OLED screen with various GUI options
6. Screen menu-button/ on-off switch
7. Micro-usb connection

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AFFORDABLE

The SniffIT X1 is the lowest priced high sensitivity sniffer in the marketplace today. The SniffIT X1 also has added cost benefits with its short response time, high accuracy, short recovery time and no variable costs. Most importantly, the SniffIT X1 will detect even the smallest leak and will save money in terms of shorter time used testing a specific object.

MOBILE

One important feature of the SniffIT X1 is that it is very small, light and handy. It is ergonomically designed for long term use.

In order to start looking for leaks one simply has to push the on button and start moving the SniffIT X1 probe across an area that could contain a possible leak.

ACCURATE

The revolutionizing SniffIT Technology makes the SniffIT X1 very fast and accurate in detecting leaks. The immediate leak detection response means that the operator will detect the leak at the same time as passing by the actual leak. Conventional sniffers can take up to five seconds, which is very time consuming.

SIMPLE

The main idea behind the SniffIT X1 is that it should be easy to use and easy to understand with an easily navigated menu screen.

When one buys the SniffIT X1 it comes in a carrying case with a charger and two sniffer probes ready to be used instantly.

APPLICATIONS

Below are just some examples where SniffIT X1 can be used:

- Complement your leak test with leak detection by locating leaks on rejected parts by pressure decay test.
- Test your engines, pumps, valves, gear boxes etc. After you have leak tested your product with pressure decay fill the product with helium or hydrogen and find the exact leak location with SniffIT.
- Test your product in a simple and manual way.
- For heat pumps after leak testing your complete pump, find the exact leak location with SniffIT.
- Tanks often have too large volume for pressure decay and complete helium system are expensive. Fill the product with Helium and Hydrogen and find your potential leaks, quick and efficient without any messy and inaccurate leak detection sprays.
- Testing of brake pipes and ABS systems after installation.
- Surface testing for water and oil tightness of engine blocks and other automotive parts.
- Location of internal leaks in valves etc.
- Test Automotive oil coolers.
- Test Pharmaceutical packages.
- Test Valves and valve manifolds
- Test welded seams on tanks.
- Clamp testing of joints with very high sensitivity.
- Ideal for Leak testing in small volume production
- Use for testing new products and statistical samples as well as inline production testing.
- Analysis of potential leak points by locating leaks on rejected products.
- Regardless if the product is small or big, hot or cold, if you use Helium or Hydrogen, SniffIT X1 can find your leaks.

TECHNICAL DATA SniffIT X1

Battery capacity	8 hours
Charging time	4 hours
Dimensions HxWxD	149x238x55mm (5.86x9.37x2.17″)
Weight	320 gram
Detectable gases	Helium and hydrogen, calibrated for the chosen gas but sensitive for both.
Detect leaks greater than	1*10-5 mbarl/s
Accuracy	± 20% of reading or min ± 3* 10-5 mbarl/s
Available units	mbarL/s
Response time	< 0,5 second
Recovery time	< 1 second
Operating Temperature	0-40°C (32-104°F)
Storage temperature	-10°C to 60°C (14-140°F)
Humidity	85% RH NC
Input Voltage	5 V(dc)
Input Current	500 mA max
Signal presentation	Numeric and bar graph, OLED Display
Alarm level	Yes
Audio alarm	Yes

Vibration alarm	Yes
Logging possibilities	Yes
Auto Zero	Yes
Probe lenghts	50mm and 350mm
Wrist strap	Yes
Two extra filter	Yes
USB Charger	Yes
Language	English, Swedish
Package Weather protected case	Included
Calibration certificate	Yes
Certificates	CE, FCC
Warranty	1-year
Multiple gas detection	Helium, Hydrogen

Dimensions

SIMPLE: Turn it ON and start sniffing.

MOBILE: It is not bigger than a human hand, weighs 320g (0.7 lbs) and has 10 hours battery capacity.

ACCURATE: SniffIT provides very accurate results based on a reliable technology.

AFFORDABLE: least expensive sniffer on the market.

If you need to charge your product with either helium or hydrogen before you use your SniffIT, please see the Nolek ChargeIT-series of instruments which is built for that exact purpose.

For more information please visit: www.nolek.com