



Sensistor[®] XRS9012 Hydrogen Leak Detector

Locate leaks loud and clear



The faster a leak is detected the more you stand to gain

You know there is a leak, but where? All leaks cause operational interruptions, they may harm the environment and cause financial losses. The faster and more accurately you can locate a leak, the more you stand to gain in time and profitability. With the Sensistor XRS9012 Hydrogen Leak Detector you can quickly locate any leak, whether the pipes or cables are hidden or buried.

FAST AND RELIABLE IN ALL SITUATIONS

The Sensistor XRS9012 Hydrogen Leak Detector offers a highly sensitive and flexible leak detection system in a heavy-duty, smart and ergonomically designed package. To be able to detect both minor and major leaks, the unit features a sensitivity adjuster to instantly adapt to any detection condition. Sensistor XRS9012 has established a standard in maintenance that includes:

- **Pressurized telephone cables** — no matter if buried or ducted, Sensistor XRS9012 improves cable maintenance

ADVANTAGES AT A GLANCE

- Quick detection through high and adjustable sensitivity
- Highly selective hydrogen sensor for reliable detection
- Easy to carry and handle
- Quick charging in the car (5 minutes for 20 minutes of operation)
- Heavy-duty design and waterproof aluminum casing (IP55)
- Proven method involving the use of inexpensive forming gas (5% hydrogen and 95% nitrogen) as tracer gas
- No moving parts, almost maintenance-free



thanks to shortened leak detection times and better functionality

- **Water and gas pipes** — Sensistor XRS9012 is ideal for leak detection on live and emptied pipes, indoors and outdoors, in all types of materials, thus saving time and minimizing the inconvenience to connected customers
- **Gas-filled power cables** — Sensistor XRS9012 offers excellent opportunities to verify the intactness of gas-filled power cables and other equipment in the power industry, e.g., hydrogen-cooled generators
- **Heating systems** — Sensistor XRS9012 locates the leak quickly and minimizes the scope of the repair work

EASY TO USE

Just press ON, let the LEDs light up and start searching. Sensistor XRS9012 features a sensitivity adjuster up to ten levels for easy and accurate leak location.

FAST AND INTUITIVE

The electronic hydrogen sensor mounted in the probe tip responds instantaneously to the tracer gas. Additionally, the unit has a very short recovery time to enable fast and intuitive pinpointing of leaks.

HEAVY-DUTY FOR DEMANDING USE

Waterproof aluminum casing (IP55) built to withstand continuous use in tough environments and varying atmospheric conditions.



BROAD RANGE OF ACCESSORIES TO ADAPT TO ANY LEAK DETECTION JOB



H21 HAND PROBE

A standard accessory to Sensistor XRS9012. Small and robust for easy and trouble-free leak detection, the hand probe can easily be protected from water.



8212 GROUND PROBE

For leak detection in tough environments such as gravel, snow, clay and sand.



8612 SURFACE PROBE

Detects leaks on buried and ducted cables and pipes by drawing tracer gas from the ground, street surface or floor before the gas dissipates. Can draw gas even through asphalt and concrete.



P12 HAND PROBE EXTENSION

Makes it easier to use the hand probe at ground level, or to simply extend its reach.

SPECIFICATIONS

Sensitivity	0.7 ppm H ₂ in air
Response time	<1 sec
Warm-up time	<10 sec
Outputs	• 10-LED bar graph indicator • Earphone, standard 3.5 mm (1/8 in.) jack, >8 ohms
Battery type	Rechargeable lead batteries (gel electrolyte)
Battery capacity	13 hours at 20°C (68°F), 6 hours at -20°C (-4°F)
Maintenance	Maintenance-free
Chargers	AC charger, 100–240 V (ac) Car charger, 9–15 V (dc)
Casing	Aluminum
Protection	Waterproof (IP55)
Dimensions	250 x 120 x 85 mm (9.85 x 4.75 x 3.35 in.) In carrying case: 260 x 220 x 95 mm (10.25 x 8.70 x 3.75 in.)
Weight	1.9 kg (4.2 lb.) In carrying case: 2.5 kg (5.5 lb.)
Ambient temperature range	-20 – 50°C (-4 – 122°F)

ORDERING INFORMATION

PRODUCT	CATALOG NUMBER
Sensistor XRS9012 Hydrogen Leak Detector complete with nylon case, Probe H21, 3 m (9.8 ft.) cable, mains input cable, waist belt, shoulder strap, earphones and 12 volt charger adapter	590-012
ACCESSORIES	
H21 Hand Probe	590-200
C21 Probe cable	
3 m (9.8 ft.)	590-161
6 m (19.6 ft.)	590-175
9 m (29.5 ft.)	590-165
8612 Surface Probe	590-040
P12 Hand Probe Extension	590-080
8212 Ground Probe	590-020
Earphones	591-443
Battery (order three pieces for complete change)	591-294
Charger	591-300
12 volt Charger Adapter (for charging in car)	591-361



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