

8612



Surface Probe 8612

Detects leaks under all types of floors and ground surfaces

Surface Probe 8612 is especially designed for locating leaks in buried cables, pipes and tanks. It is used together with Hydrogen Leak Detector 8012.



Hydrogen gas is used for leak detection because it is the lightest of all gases. Its leak rate is higher than for any other medium, and it rises quickly to the surface, even through asphalt, concrete, and ice. Due to its volatility, hydrogen disappears rapidly as soon as it reaches the surface. The Surface Probe is therefore designed to suck the gas from the ground or floor. Even minute leaks in buried objects can therefore be located prior to any digging or boring.

Surface Probe 8612 is equipped with a two-speed vacuum pump.

It also has a built-in hydrogen sensor of the same type as that used in the hand probe of Hydrogen Leak Detector 8012. The built-in sensor gives a faster response than can be achieved by pumping the gas through a hose to the leak detector.

The Surface Probe is powered by the same reliable type of battery as the Hydrogen Leak Detector 8012.

A Light Emitting Diode indicates when the battery needs to be recharged. Charging can, however, be done whenever convenient and for any length of time.

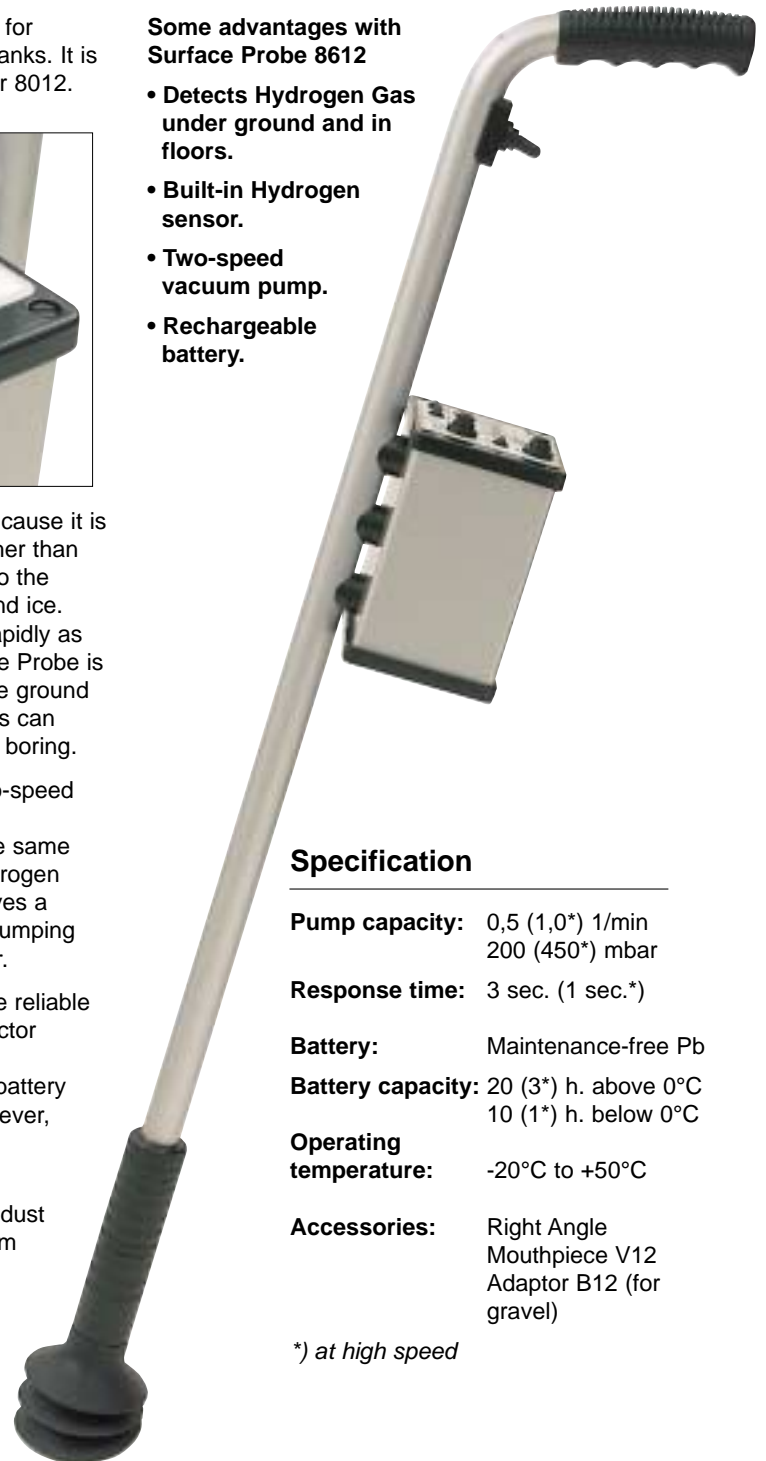
At the inlet of the Surface Probe there is a dust filter, and a float valve preventing water from being sucked into the probe.

A LED indicates when the valve closes.

The valve is reset simply by pushing a button on the top panel.

Some advantages with Surface Probe 8612

- Detects Hydrogen Gas under ground and in floors.
- Built-in Hydrogen sensor.
- Two-speed vacuum pump.
- Rechargeable battery.



Specification

Pump capacity:	0,5 (1,0*) 1/min 200 (450*) mbar
Response time:	3 sec. (1 sec.*)
Battery:	Maintenance-free Pb
Battery capacity:	20 (3*) h. above 0°C 10 (1*) h. below 0°C
Operating temperature:	-20°C to +50°C
Accessories:	Right Angle Mouthpiece V12 Adaptor B12 (for gravel)

*) at high speed