

## Plastic pipe locator

### Features

- Location of pipes of any material, including plastic
- Useable for different pipe diameters
- Independent of electrical interference
- Variable knocking frequencies for optimal results
- Rechargeable battery

### Description

The detection and localization of non-metallic drinking water pipes, e.g. asbestos cement, PE and PVC, the acoustic sound pulse technique is employed. A knocking generator transmits vibrations along the pipe. Depending on type of material, diameter and type of soil, the sound pulses propagate along the pipe and can be detected on the surface by means of a geophone. In this manner the route of the pipe can precisely be located.

The achievable range depends on many factors such as depth, type of soil and pipe material. This acoustic location method can also be applied to metal pipes. It is extremely helpful for pipes with Tyton sleeves and in any event when, due to electrical interference, location by electric means is impossible. The range achieved a metal pipes is slightly larger than on others.



### Choice of instruments

The HL 50/5000 leak detectors with one of the following microphones PAM B-2 or PAM W-2 (GM80) are particularly well suited for picking up the structure-born sound.

### Coupling

The knocking generator is connected to the pipe to be traced by means of a tight chain. On plastic pipes the integrated impact-cushioning plate may be used to help prevent pipe damage.

## Technical data

Pulse rate	3 pulses 2 pulses for a weak battery
Range 1	40 / min
Range 2	60 / min
Range 3	80 / min
Range 4	120 / min
Intensity	25 – 50 – 100 %
Power-on	Green LED signal
Pulse	Red LED signal
Battery check	Flashing green signal + pulse rate change
Rechargeable battery	NiCd 12 V 2.8 Ah
Operating cycle	≥ 16 h
Charging cycle	2 h
Operating temperature -	+14°F to +122°F (-10°C to + 50°C)
Chain length	22.83 in (580 mm)
Dimensions IG 3	7.48 x 3.74 x 2.56 in (190 x 95 x 65 mm)
Weight IG 3	5.73 lb (2.6 kg)
Dimensions RSP 3	9.84 x 4.53 x 6.30 in (250 x 115 x 160 mm)
Weight RSP 3	4.63 lb (2.1 kg)

Use in conjunction with the HL5000 for optimal results.

## All advantages at one glance

- » Location of non-metallic pipes
- » Useable for different pipe diameters
- » Independent of electrical interference
- » Robust housing for field use
- » Long operation time and integrated rechargeables
- » Variable knocking frequencies for optimal results

## Scope of delivery

- » Control unit with rechargeable battery
- » Knocking generator with chain
- » Charger
- » Operating manual
- » Carrying case

View videos and learn more at [www.reduce-nrw.com](http://www.reduce-nrw.com)

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