

## OUR PRODUCTS

An extract from our range of products



## WATER LEAK DETECTION



You can find the areas of use of this product on pages 10 and 13

### Listening process **TERRALOG**

TERRALOG is a ground-borne and structure-borne sound microphone. On the one hand, leaks can be located on slide gate valves and hydrants via the pipe network and, on the other hand, through the use of the tripod, can be pinpointed on the surface of the ground. The different memory and filter functions enable exact detections.

The TERRALOG, with its ultra-sensitive sensor and complete accessories, is immediately ready for use in a practical case and is used every day by measurement technicians from vonRoll hydro and various national and international leak detection and supply companies.



You can find the areas of use of this product on page 31

### Listening process **LEAKPEN**

The LEAKPEN is the smallest and simplest leak detector. It is an aid to the drinking water supplier, just as a voltage tester is an aid to an electrician. During prelocation of leaks, the LEAKPEN can be used to measure the structure-borne sound and is often used in connection with water meter readings or for hydrant and slide gate valve inspections.



You can find the areas of use of this product on page 10

### Correlator **LOG 3000**

The LOG 3000 is the latest generation of mobile notebook correlator with outstanding measurement properties for acoustic detection of pressurised water pipes. It can be used accurately and efficiently on all pipe materials (such as steel, cast iron, plastic, cement, etc.).



You can find the areas of use of this product on page 11

### Tracer gas injection **GASENA5 H2**

vonRoll hydro uses forming gas for tracer gas injections, consisting of 5 % hydrogen and 95 % nitrogen.

The gas mixture is not explosive and does not represent an unnecessary hazard. The GASENA5 H2 detector specially developed for tracer gas injection is equipped with a sensor that only responds to hydrogen. The extensive range of accessories with various probes enables exact application and pinpoint detection.

## WATER LOSS ANALYSIS



You can find the areas of use of this product on page 12

### Leak monitoring **ORTOMAT**

The ORTOMAT SYSTEM offers permanent monitoring of the drinking water network. The ORTOMATs are magnetically connected to the pipe system at hydrants/slide gate valves and measure the network state daily. All data with regard to leak statuses is available at all times. Through early identification of leaks and reduced consequential damage, the system pays for itself within one year. ORTOMAT-MT GSM provides automatic data communication with the analysis software (bring system). ORTOMAT-MT C not only measures the level, but also provides a new, patented correlation principle to make pinpoint detection easier.



You can find the areas of use of this product on page 13

### Measurement device **FLOWMAT**

The FLOWMAT consists of a closed unit. Inside the case there is an air-flow related part and an electronic part. The air-flow related part includes a flow rate meter, with a measurement range of 0 to 90 m<sup>3</sup>/h. With a starting signal of 2 l/pulse, small flow rates can also be recorded easily.

## PIPE DETECTION



You can find the areas of use of this product on page 14

### Pipe detector **VM 810 Classic**

The VM 810 detection system was specially developed to localise and determine the installation depth of metal water and gas pipes. The precisely determined high detection frequency of 83 kHz makes it possible to trace a pipe even beyond several coupling sleeves and connection points which usually represent a high level of resistance at low frequencies. The depth determination is carried out fully automatically at the push of a button. The system stands out due to its user-friendliness, its big display and large buttons as well as its extensive range of accessories.



You can find the areas of use of this product on page 15

### Access cover detector **P500**

The P500 access cover detector was developed for accurate detection of access covers and shaft covers, but can also be used as a general purpose metal detector. It is best suited to searching for metal objects such as metal slide gate valve covers and drain covers which are concealed under concrete, grass or snow.

## PIPE DETECTION



You can find the areas of use of this product on page 15

### Metal detector **ML-1M**

The ML-1M metal detector is a simple and robust ferromagnetic metal detector. The ML-1M is very easy to use and is extremely robust. Metal objects are detected up to a maximum depth of 1 m.

## GAS LEAK DETECTION



You can find the areas of use of this product on page 20

### Gas detector **GASENA5**

The GASENA5 is a gas detector for mobile use. It is equipped with three sensors and senses gas concentrations of 0 ppm to 100 vol % (CH<sub>4</sub>, Methane). Thanks to the Atex certificate, the device can easily be used in any environment.

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