

## *Flow analysis*



**An objective measuring procedure  
for quantifying water loss**

## Applications

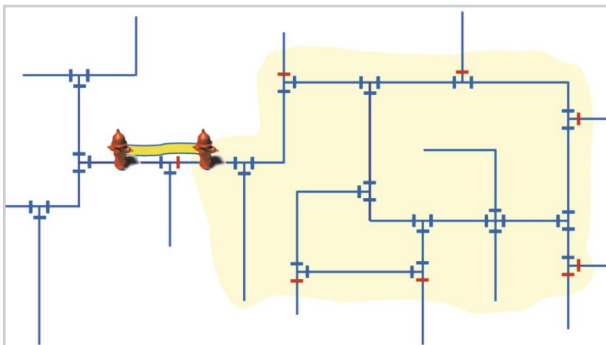
The objective of flow analysis is to detect and quantify leaks. Flow analysis is an integral part of any maintenance strategy and provides valuable key data for evaluating the condition of the network.

Flow analysis can be used with pipes made of any material. It is particularly efficient for determining the condition of non-metal networks.

Flow analysis can be used to quickly and accurately record the overnight minimum consumption of a measuring area. The value obtained serves as the basis for subsequent monitoring measures. The amount of water escaping through the leak is accurately measured. The values obtained can be used to classify the leaks in the evaluation process and then give priority to repairing the biggest leaks first.

Following the flow analysis the leaks recorded need to be more precisely located. Loggers around the suspected leak can identify the position more accurately. Correlators or electro-acoustic leak detectors can then be used to pinpoint the exact location of the leak.

Various system components are individually selected for the flow analysis depending on the requirements and installed in a vehicle or a transport box (mini flow analysis "Mini-ZA").



## Features / Advantages

High precision measuring technology – precise analysis of even the smallest leaks

Non-material-specific procedure – suitable for all pipe systems

System can be configured individually to all requirements in terms of flow levels and pressure stages

Useful additional benefit: functionality test of slide gates and hydrants in measuring area

Procedure also ideal for checking meters on transmission pipelines

Can be installed in most vehicle types

"Mini-ZA" system in a transport box



*Please contact us for a comprehensive quotation, including additional technical specifications and information on accessories.*

106603 – 09/10 – Subject to technical changes.