FAST
GROUPE CLAIRE

product innovations

NEW in 2022

AQUA M60

HS-LOGGER

SMARTBRIDGE

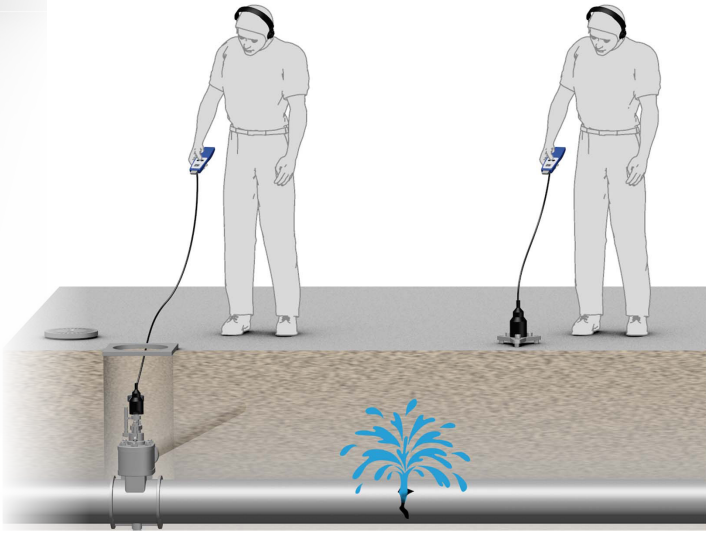
Aqua M60

ultra-light 2in1 geophone and
listening device

The new Aqua M60 can be used both as an ultra-light listening device and as a geophone. The geophone function is activated by connecting an external sensor on the back of the central unit. The high sensitivity of both the internal and the external sensor provides reliable measurement results and simplifies the detection of even smallest leaks.

To facilitate the measurement and guarantee maximum freedom of movement the volume levels are transmitted to a wireless Bluetooth headset, which is already included in the basic equipment.

The illuminated display of the Aqua M60 has a numerical display that shows the noise level of the current measurement. The MIN function can also be used to display the lowest permanent noise level of the last measurement interval. Surrounding noises are faded out by the various filters.



HS Logger

Automatic leakage monitoring
for district heating networks

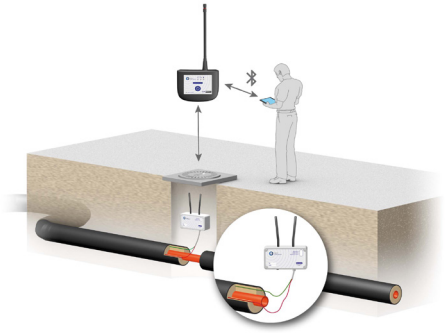
The HS Logger is the automatic leakage monitoring system for district heating or cooling networks, which thanks to LoRaWAN or Data transmission via radio (433MHz) provides reliable measurement data quickly and easily. Integration into existing LoRaWAN networks is possible without any problems.

The resistance measurement (Ohm) via HS Logger takes place daily, by measuring the contact, insulation and loop resistance of the wire pairs in the insulation layer of long-distance lines on BRANDES systems or comparable methods. The HS Logger makes use of three resistance values for an accurate assessment of the leakage status. The HS Logger can be directly connected to the BRANDES system. Through the IP66/67 housing the HS Looger is flood proof and suitable to be used in all kind of surroundings.

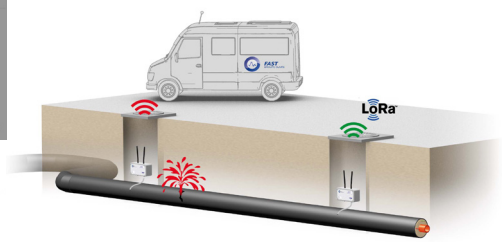
The battery-operated HS Logger is independent of the power supply and can be operated autonomously for up to 5 years. It transmits the measured values and information on the device status via Bluetooth to the HS Log software using the ServiceMaster or directly to the CloudServer using LoRaWan. The easy-to-use HS-Log software (available in the Google Playstore) is available free of charge and enables a meaningful assessment of the path status as well as the visualization of the measured values.

The range of data transmission in the LoRaWan is, depending on the structural conditions in urban areas up to 2 km, in more rural areas with less buildings even up to 15 km. Data can even be transmitted through manhole covers, walls or from basements.

Due to this time-saving measuring method - because the time-consuming coordination of appointments with operators, residents and time-consuming manhole entries are no longer necessary - the HS Logger can also be used as a substitute for manual monitoring of measuring points. The fast detection of damage enables immediate reaction and thus prevents greater damage and costs.



HS-Logger software user interface
for evaluation of the measurement data



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SmartBridge

The smart solution for monitoring systems

SmartBridge is the most user-friendly data transmission solution in the FAST product family of network monitoring systems. As a further development and addition, it is compatible with all previous loggers: BIDI Logger, BIDI Logger Big, BIDI Hydro.

Thanks to the option of simply installing the Smart Bridge directly in the manhole, it can be used without restriction and the local conditions can be disregarded. Without any intermediate step, the SmartBridge transmits the measurement data directly to the Watercloud server via mobile radio, which allows the network to be supervised from the desk. The data is analysed in the Watercloud, the application developed by FAST for displaying, managing and storing measurement data.

The Watercloud can be used without software installation, 24/7 and worldwide via a password-protected customer account and centrally combines all the data generated by FAST products. Especially with regard to the programming of correlations, the communication between SmartBridge and logger is a great benefit of using SmartBridge.