

The Aqua M300 systems from FAST are combination kits that can be used for accurately locating leaks using a ground microphone and or hydrogen gas leak detection. Designed for pinpointing leaks on live water pipes quickly and efficiently.

The Aqua M300 is an above ground leak detection solution that provides a simple and fast methodology of pin-pointing water leaks.

Acoustic - The Aqua M300 has a range of very sensitive microphones that can be filtered through the Aqua M300 control unit. The filters can help to remove any unwanted background noise such as road vibrations.

Gas – The Aqua M300 has a range of sensitive gas sensors that can locate Hydrogen.



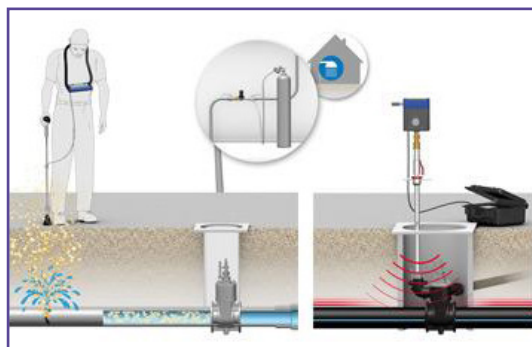
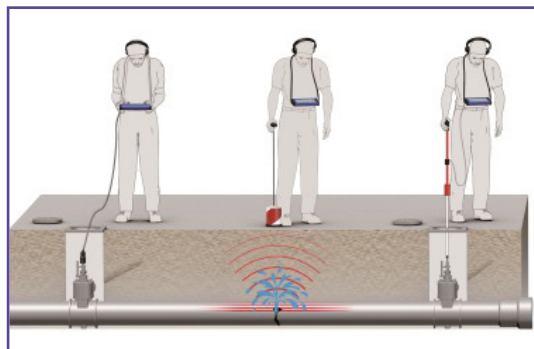
The Aqua M300 has three main methods of gaining the acoustic signal from the pipe.

Test rod and extension can be used to connect onto the asset, pipe, valve or hydrant.

A universal accelerometer connected to the asset, pipe, valve or hydrant will increase the noise what attached to the network.

A ground microphone can then be used to isolate the leak noise between valves or hydrants. Taking regular readings, the largest readings can be identified, and the leak pinpointed.

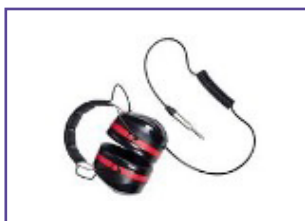
The Aqua M300 can also be used to detect Hydrogen Leak Detection gas that has been injected into the pipe for survey. Using either the H2 Bell probe or the H2 Hand probe, regular readings can be taken, the largest readings can be identified, and the leak pinpointed.



Product Specification					
Description	M300K2	M300K3	M300K4	M300K7	M300K9
Part Number	300302	300303	300304	300307	300309
Acoustic Leak Detection	Yes	Yes	Yes	No	Yes
Gas Leak Detection	No	Yes	Yes	Yes	Yes
Aqua M300 Control Unit	Yes	Yes	Yes	Yes	Yes
Point Rod with Extensions	Yes	No	No	No	Yes
Test Rod	No	No	No	No	Yes
Large Tripod	Yes	No	No	No	Yes
Ground Microphone	Yes	Yes	No	No	Yes
H2 Bell Probe (Without hose) with pump	No	Yes	Yes	Yes	Yes
H2 Bell Probe	No	No	No	No	Yes
Universal Accelerometer	Yes	Yes	Yes	No	Yes



Test rod with extensions



Headphones



Wind Protected Ground
Microphone



Bell Probes



Universal Accelerometer



Universal Accelerometer and
handle



Transport Case



Aqua M200