



Water Solutions

PipeMic© Flex In-Pipe Leak Detection

The PipeMic© Flex from FAST is the latest In-Pipe Leak Detection tool for pressurised live water pipes.

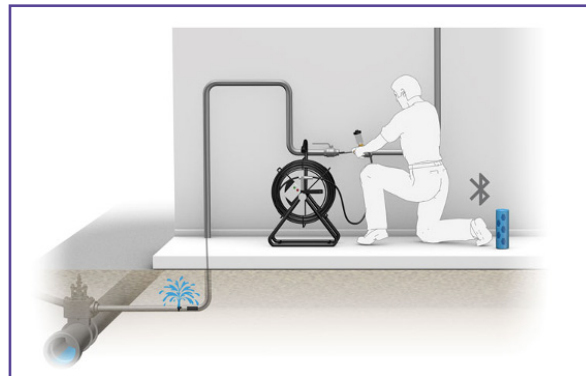
The PipeMic© Flex is an in-pipe acoustic leak detection system. The innovative flexible tip houses an acoustic sensor that can detect leaks from within the pipe. When a leak has been located the line of the pipe can be detected by line tracing the PipeMic©, and then accurately pinpointing the tip by tip tracing the acoustic sensor. The PipeMic© Flex is a fast accurate methodology of tracing service pipes from 20mm diameter.



The PipeMic© Flex uses a unique ultra-flexible 4.5mm diameter rod which allows it to negotiate up to 3 x 90° short radius bends in 25mm pipe. The ultra-flexible rod has the fine balance between flexibility and rigidity to be able to push long distances. The 12mm diameter brass ball on the end helps to guide it through obstacles, fittings, and stiffeners.

Features

- High sensitivity
- Can be used down to pressures as low as 1bar
- Uses standard CAT and Genny equipment for tracing
- Bluetooth the sound to either speakers or headphones.
- 10bar aqualock seal
- Chlorination tank and wiper seal
- Works from standard 9v battery
- Multiple access opportunities



The PipeMic© Flex uses a simple Bluetooth connection to either an external speaker or a set of headphones. The unit also contains a light bar to visually show the acoustic noise register all operated by a 9v battery.

The PipeMic© Flex from December 2021 is now WRAS material compliant for the UK market.

CONTACT OUR TEAM TODAY TO DISCUSS YOUR REQUIREMENTS
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PipeMic© Flex In-Pipe Leak Detection

Product Specification	
Product	FAST PipeMic© Flex
Part Number	300100
Weight	7kg
Dimensions	570mm x 400mm x 160mm
Material	Fibreglass rod, brass, aluminium, and EPDM rubber
Compliance with WRAS	The PipeMic© Flex has been made where all wetted parts when inside a pipe are compliant with BS6920 or use materials that have an existing WRAS approval
Length	50m standard
Operating Pressure	From 1Bar up to 10Bar
Location Depth	Up to 1.5m*1
Operating Temp Range	-0°C to +50°C
IP Rating	IP 66 / IP68
Connection	¾" BSP Screwthread (WRAS Compliant) or Geka Fittings (Non-WRAS)
Batteries	1 x 9V Alkaline Battery PP3 (anticipated usage up to 12 hours operational used)

Product Specification	
End on to Service Pipes	Through a valve – Connect to the vale using an adaptor
End on to Service Pipes	Use a Philmac fitting end or equivalent following a squeeze off operations
Via boundary box slow bend	Through a 90° slow (long) bend (hockey stick type) boundary box using a standpipe
Via boundary box 90o short (sharp) bend	Through a 90° short (sharp) radius bend boundary box using a standpipe and an insertion tube
Through PE Top Tees into small diameter mains	Insert through 32 or 63mm PE top tees using our Stargland Kit H20
Through Saddles into small diameter mains	Insert through a Torres Golf Saddle using a Pressure Balanced Tube and a saddle adaptor
Through Hydrants into small diameter mains	Insert through a through bore hydrants using a Pressure Balanced Tube.

PipeMic System	
Part Number	Description
300100	PipeMic© Flex 50m – 4.5mm ultra flexible rod

Each PipeMic© system comes with as standard,

- Inbuilt, Acoustic Sensor, Sonde and a mechanical length counter
- External Bluetooth Speaker, External Chlorination Tank, Banana Connection Leads

(2 x 50cm 4mm connections)

*1 dependent on location and tracing equipment used and ground conditions PipeMic© is a trademark of FAST GMBH

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