



Gas Pipe Inspection Products and Accessories

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Gas leak detection products to the industry...

PIPA is a specialist technology company focused on live pipe CCTV condition assessment surveying products and specialist leakage tools. We offer new technology to inspect and identify difficult to trace leaks within all pipe sizes and materials.



PIPA Pipepod G™

The Pipepod™ is a unique pressurised sound recording capsule designed for accurate leak detection solutions in water, gas and oil pipelines.

The system incorporates the latest in hydrophone technology to accurately identify and record leakage points in pressurised pipe networks.



The capsule is simply attached to the flexible camera delivery cable, and records all pressurised sound generated within a live pipeline. The data can be downloaded and overwritten onto CCTV inspection recordings to enable the operator to accurately detect leaks within all material types.

The Pipepod™ is the latest innovation product in leak detection insertion technology, and due to the advanced hydrophone module it can detect leaks that are not evident to the human ear.

The unique microphone magnifies all acoustic patterns to detect leaks that other current market products cannot identify.



System Features

- Compact capsule size of 65x22x22mm
- Can be used on all pipe diameters dependant on launch technique
- Attachment to cable diameters 3-14mm
- The capsule can be attached to a pressurised camera system, or utilised as a standalone technology
- Pressure rated to 16 Bar (in water)
- Ultra responsive hydrophone for detailed acoustic data capture
- The capsule is self-powered with battery life/recording time of up to 10 hours
- Fast charge rate of 30 minutes
- PC-USB connection for data download and charge function

System Benefits

The capsule can detect leaks in any type of pressurised pipe, with leaks detected in water pipes in pressures as low as 0.5 Bar.

The capsule is not flow dependant, and can be utilised using pushrod or draw line insertion techniques.

The sound data can be overwritten onto the CCTV inspection footage to accurately calibrate leak locations to the recorded distance text overlay data.

The capsule identifies leaks that cannot be seen by a standard camera i.e. a leaking ferrule or misaligned joint.

The system can be retrofitted to any make or model of pipe inspection camera or crawler unit to improve client service delivery and incorporate leak detection.



Leak Detection System for all Diameter Gas Pipes



PIPA Pipepod GLS™

- The Pipepod gas listening stick is a unique leak detection product that enters a pipeline via a direct entry point as small as 1 inch diameter
- The 100 metre system is fully portable with battery powered supply
- Accurate leak identification and location within pressurised gas pipelines from 50mm diameter and above
- System inserted directly into the pipeline at standard operating pressure through a specially designed seal arrangement which sanitises and seals the cable prior to insertion
- Pipepod GLS™ can be pushed up to 100 metres to detect leaks with instant results identified by a trained operative
- The system can be used in all standard gas pipe materials and through different types of access fittings
- No expensive consumables required
- A true no dig technology product



System comprises:

- 100 metre 8mm or 12mm flexible rod cable and micro hydrophone technology
- Ruggedized coiler cage with slip ring and distance counter
- IP rated power box with direct audio output
- Seal housing with chlorination port for use in live gas mains
- System launching tube with vent valve
- Sponge swab set
- Noise cancelling headphones
- 3 metre extension lead
- Spare seal set package
- Lead and Headphone carry case
- Launch tube Bag
- Drum Bag
- 1 day on site training package

Specifications

- Suitable for pipes** 50mm and above
- Reel length** 100 metres
- Rod type** 8mm and 12mm semi flexible pushrods





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