**PRESS RELEASE**

**WATER LEAK DETECTION TECHNOLOGY IMPROVES PRODUCTIVITY SAYS SA LEAK DETECTION DISTRIBUTORS**

Globally many buildings have evolved since their cornerstone was laid, with very few resembling the structures designed by original architects. With the change in structural aesthetics many new plumbing solutions are often additions to installed lines approved in original plans or complex reroutes. Commercial contractors pull out all stops to detect a leak, not to mention finding new lines among an array of unused pipes and cabling that confuse contractors. SA Leak Detection Distributors confirms that modern technology is so advanced that detecting leaks or locating lines are no longer complex problems for trained contractors.

According to Deon Pohorille of SA Leak Detection Distributors, sole distributor of Sewerin, “Contractor call-outs are generally related to some form of leak. Detecting water leaks demands technologically advanced equipment to determine the nature and location of the leak. With a range of equipment available today, qualified contractors can identify and locate a leak in a fraction of the time used in the past, depending on its strength and nature. This new technology can also significantly increase productivity and profitability for contractors.”

State-of-the-art technology is designed to accurately locate a leak and allows contractors to provide a highly effective service to their clients. With sophisticated acoustic and gas detectors, there is just about no leak that a qualified commercial or domestic contractor will not be able to detect.

Pohorille highlights leak detection technology for contractors who will determine the choice of leak detection method or combination of methods on site:

* **Acoustic equipment** Leaks create noise. Traditionally, technicians used old technology to detect leaks. Now, with digital electroacoustic equipment and ground microphones, contractors can hear the noise and accurately locate leaks. Correlation and logging traces sound through pipes and accurately calculates the position of the leak. Correlation makes use of two microphones attached to a water pipe to identify noise from the water leak. They both “hear” the water leak, and, combined with precise input data, calculate the position of the leak. Correlation is ideal for pipe networks. Another method is by using noise loggers attached to pipes with magnets that “listen” for water leak noise.
* **Gas detection** Tracer gas, containing hydrogen and nitrogen, can also be introduced to a water pipe. The gas escapes from the leak and is detected by a gas detector instrument. This is highly effective inside buildings.
* **CCTV Mini Cam** These sophisticated camera systems provide a live view and accurately pinpoint leaks, damages or blockages in water pipes. A flexible push rod allows easy passage through bends.
* **Pipe location equipment** Contractors should never underestimate the importance of pipe location. This is a critical step in leak detection and can avoid additional costs and injury. Pipe location equipment traces and differentiates between PVC and non-metallic pipes.

Access to drinking water is a basic right for all citizens. We simply cannot afford to waste water through leakage or pipe damage. Damage to water pipes and leaks are a threat to our health. Even the smallest leak can endanger our health by allowing bacteria to enter the water supply.

Pohorille says, “Technology tackles a range of challenges, but none is more important than reducing wastage of our most precious resource; water. Monitoring water flows and searching for leaks at the earliest possible moment is crucial for our planet’s survival. Importantly, it is the responsibility of all contractors to equip themselves to identify leaks for their clients to reduce water wastage and provide the best possible repair solutions.”

Detecting leaks is a complex skill, but with the right equipment and training, contractors can impress their clients and significantly improve their productivity and profitability.

SA Leak Detection Distributors can be contacted on (011) 425-3379.

**Ends**

**600 Words**

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