

SmartBall[®] Leak Detection

Free-swimming leak detection for long inspections and accurate location of leaks and gas pockets

SmartBall Technology

SmartBall leak detection is a free-flowing tool used to locate leaks and gas pockets in pressurized pipelines. It can complete long leak detection surveys in a single deployment without disruption to regular pipeline service. The tool is equipped with a highly sensitive acoustic sensor that is able to locate 'pinhole' sized leaks.

The SmartBall tool is inserted into a pipeline and travels with the water flow for up to twelve hours while collecting information about leaks and gas pockets. It requires only two access points for insertion and extraction, and is tracked throughout the inspection at predetermined fixed locations on the pipeline.

Inspection Benefits

- Easy to deploy through existing pipeline features
- No disruption to regular pipeline service
- Long inspection capabilities from a single deployment
- Under optimal operating conditions, SmartBall technology has located leaks as small as 0.028 gal/min; however, leak sensitivity is determined based on each pipeline's operational conditions
- Typical location accuracy within 6-feet

