

PureRobotics[™] Pipeline Inspection

Powerful modular robotic inspection system that can inspect a variety of pipes and operating environments

PureRobotics Technology

The PureRobotics platform is a powerful system that can be configured to inspect virtually any pipeline 12-inches and larger. It is capable of performing multi-sensor inspections in both dewatered pipes or while submerged in both water and wastewater pipelines. The system has a range of up to 3-miles from a single access point. The platform is remotely-operated and tethered using a fiber optic cable; it can provide a variety of quality data including:

- High definition digital pan-tilt-zoom closed circuit television (CCTV)
- High speed profiling SONAR designed specifically for pipeline inspection
- Laser profiling with 3D reporting capabilities
- PureEM[™] sensors for assessing the structural integrity of concrete and metallic pressure pipe

Inspection Benefits

- Can be used in a wide variety of pipeline environments and diameters
- Applicable for water and wastewater pipelines
- Does not require manned entry or dewatering
- Long inspection capability to inspect distances where access is limited

