

Push-Pull Surveyor

Ultrasonic wall thickness measurement tool (high resolution)



Benefits of Our System

- No pumping and/or fluid collecting facilities
- Minimum system downtime
- 100% coverage of pipe wall surface
- Regular, high, and ultra-high resolution options
- Online data review and immediate detection of dangerous defects
- Fast results – reporting on-site
- Full detailed analysis based on complete ultrasonic data collected

The Pipeline Surveyor Push-Pull System is an intelligent, versatile pipe inspection tool that provides accurate, detailed ultrasonic analysis. It combines the features of a tethered, inline inspection system with the advantages and agility of a standard pushrod camera inspection system. The compact, lightweight, modular design of the tool; in combination with the pushrod's ability to provide the required control, power supply and data transfer; results in a high performance, ultrasonic inspection system for short pipes.

Since no launching, pumping and/or fluid collecting facilities are required, the impact of the inspection on the operational availability of the pipeline system is minimal. Integrated electrical motors help to push and pull the tool along the pipe wall to support navigation around bends and other features.

The measuring head of the Pipeline Surveyor Push-Pull System with IRIS principle enables measurements to be taken for complete circumferential and longitudinal coverage. The wall thickness, inner radius, and distance measurements are monitored online during the inspection via the flexible pushrod. This allows the overall condition of the pipeline, including the worst defects, to be determined and reported immediately, using detailed post processing and analysis algorithms.

