**DACON ULTRASONIC IN LINE INSPECTION (ILI) PIGGING**

Ultrasonic (UT) Intelligent Pigs measure pipe wall thickness and metal loss by direct measurement of the thickness of the pipe wall.

All of our Intelligent Pigs have the capability to detect, locate and assess internal and external wall defects or metal loss. Our pigs record up to 1,600 thickness readings per second, providing a complete profile mapping with accurate thickness reported in millimeter throughout your pipelines.

Our Intelligent Pigs range in size from 4” through to 64” and are capable of inspecting all material types including Carbon Steel, Austentic Steel, High Density Polyethylene, and internal and externally coated/lined pipelines.

**Key Advantages**
- Highly accurate inspection results.
- Small lightweight tools mean easy mobilization
- Suitable for all pipeline materials.
- Easy to launch in difficult to access areas.
- Clear and easy to understand data analysis and reports. Immediate onsite reports available.
- No wall thickness limitation.
- Can pass 1.5D bends as well as PLEM’s, Flexible Risers and Turrets

**Usage and Detection Capabilities**
- On or Offshore, Subsea or Above Ground.
- Oil and Gas Exploration and Production, Refineries, Petrochemical, Mining, Heavy Industry.
- Optimised for lines under 50kms in length.
- Detects actual remaining wall thickness with an accuracy of +/- 0.1 mm.
- Detects Corrosion, Dents, Gouging, Lamination and Pitting.

**Tools Specifications**
- Tool sizes available: 4” – 64”
- Pumping Media: Liquid or Gas
- Product temperature range: 0°C to 65°C
- Maximum operating pressure: 50 Bar
- Operating speed range: 0.5 – 10m/Min

- Minimum pipeline bend radius: 1.5D
- Wall thickness range: 3mm to 1000 mm
- Maximum operating time: 200 hours
- Maximum inspection length: 50 km (30 miles)
- Accuracy of measurement: +/- 0.1mm

[www.dacon-inspection.com](http://www.dacon-inspection.com)