

DACON ULTRASONIC INTELLIGENT PIGGING



FOR ALL YOUR INSPECTION NEEDS

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, Austenitic 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"	Minimum pipeline bend radius:	1.5D
Pumping Media:	Liquid or Gas	Wall thickness range:	3mm to 1000 mm
Product temperature range:	0°C to 65°C	Maximum operating time:	200 hours
Maximum operating pressure:	50 Bar	Maximum inspection length:	50 km (186 miles)
Operating speed range:	0.5 – 10m/sec	Accuracy of measurement:	+/- 0.1mm