INTELLIGENT PIGGING

Tool sizes available: 8”– 64”
Pumping Media: Liquid or Gas
Product temperature range: 0°C to 65°C
Maximum operating pressure: 200 Bar
Operating speed range: 0.5 – 4m/sec
Minimum pipeline bend radius: 1.5D
Wall thickness range: Up to 25 mm
Maximum operating time: 20 hours
Maximum inspection length: 300 km (186 miles)
Accuracy of measurement: ± 10%

Dacon’s MFL tool is designed with the highest density of Hall sensors (radial, axial and tangential) in a true gapless, sensor arrangement.

Incorporating internal diameter and external diameter sensors as well as quality sensors for lift–off and magnetization level. The tool is designed to be able to pass through 1.5D radius bends and up to 25% diameter reductions.

Our MFL tool distinguishes itself from other tools in the market by its versatility. The tool can be equipped with cups for long distance operation in transmission lines; it can also be equipped with specially designed discs for bidirectional operation, which opens new frontiers in MFL inspection. Sub-sea pipelines ending in well heads or subsea manifolds, jetty lines, tank–farm lines, unpiggable lines can be inspected using the same tool.

Oil and Gas Exploration and Production, Refineries, Petrochemical, Heavy Industry.
Can inspect any length of line but is restricted to pipe wall thickness of 25mm or less.
Detects quantitative remaining wall thickness.
Detects Corrosion, Cracks, Dents, Gouging, and Pitting

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Fast inspection speeds.
Bi Directional capability.
Can pass 1.5D bends.
Can be combined with Geometry Pig for 3D mapping of pipelines.
Fast travelling speeds.
Can be used in liquid or gas pipelines.
Suitable for long pipelines up to 300 kms.
Established and commonly used inspection method.