

DACON CALIPER INTELLIGENT PIGGING

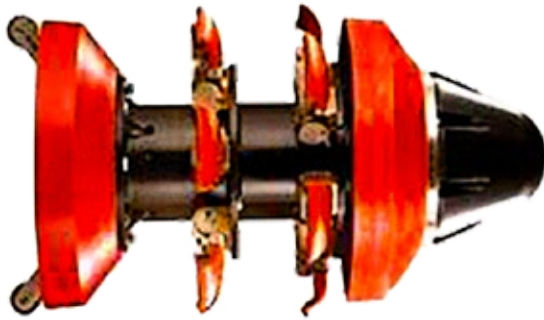


FOR ALL YOUR INSPECTION NEEDS

Dacon's Caliper pig provides a powerful tool and secondary inspection to the Intelligent Pigging.

A caliper tool continuously measures the inside diameter of the pipeline through an array of sensing fingers that are spring loaded to hold them in contact with the pipe wall.

As the tool moves through a pipeline all radial sensor movements are detected and recorded. Odometer wheels generate distance data which is continuously collected and stored with the measuring data from the radial sensing fingers. Any variation to the internal surface of the pipe is registered in a user friendly format that serves to independently verify any ID features.



Key Advantages

- Detects ovalities and dents
- Detects valves and bends
- Detects girth welds and t pieces
- Can be used in liquid or gas pipelines.
- Can pass 1.5D bends.
- Suitable for any length of pipeline.
- Can be combined with Geometry Pig for 3D mapping of pipelines.
- Established and commonly used inspection method.

Usage and Detection Capabilities

- Accuracy of internal diameter changes
+/- 0.1% / 1.22mm
- Accuracy of dent detection
+/- 0.1% / 1.22mm
- Accuracy of ovality detection
+/- 0.1% / 1.22mm
- Accuracy of girth weld detection
+/- 0.1% / 1.22mm

Tools Specifications

Tool sizes available:	8"– 64"	Minimum pipeline bend radius:	1.5D
Wall thickness range:	No limit	Pumping Media:	Liquid or Gas
Maximum operating time:	20 hours	Maximum operating pressure:	200 hours
Maximum inspection length:	300 km (186 miles)	Product temperature range:	50 km (186 miles)
Accuracy of measurement :	± 1%	Operating speed range:	0.5 – 4m/sec