

4" ULTRASONIC INTELLIGENT PIG

Standard Operating Specifications

Pipe size (Inches)	4
Number of body	2
Pig diameter (mm)	56
Body length (mm)	146
Overall pig length (mm)	400
Pig weight (Kg) (Battery included)	10
Min. launcher length (mm)	900
Temperature (°C)	65
Pressure (barg) (Expandable)	50
Min. bend radius	1.5D
Min. bend to bend distance (mm)	300
Transducer frequency (MHz)	10
Transducer focus (inch)	2
Min. measurable thk (mm)	3
Max. measurable thk (m)	>1
Inspection sensitivity (mm)	±0.1
Repetition rate (kHz)	10
Inspection couplant	Liquids

Performance Specifications

Inspection speed (meter/min.) Higher speed on request	Up to..10
Max. inspection capacity (hours)	3
Axial sampling distance (mm)	2
Min. pit diameter detectable (mm)	2
Min. pit depth detectable (mm)	0.1
General metal-loss	
Depth at POD=90% (mm)	0.1
Depth sizing accuracy at 80% certainty (mm)	±0.2
Width sizing accuracy at 80% certainty (mm)	±0.2
Length sizing accuracy at 80% certainty (mm)	±0.2

Dacon offers a full suite of pipeline services, and with API 570 Certified Piping Inspectors on board can also offer full Risk Based Inspection (RBI) regimes, Fitness For Service (FFS) evaluations, and holistic pipeline integrity management and monitoring systems.

