

# 22" ULTRASONIC INTELLIGENT PIG

## Standard Operating Specifications

Pipe size (Inches)	22
Number of body	1
Pig diameter (mm)	400
Body length (mm)	910
Overall pig length (mm)	1010
Pig weight (Kg) (Battery included)	120
Min. launcher length (mm)	1500
Temperature (°C)	65
Pressure (barg) (Expandable)	50
Min. bend radius	3D
Min. bend to bend distance (mm)	0
Transducer frequency (MHz)	0.5
Transducer focus (inch)	Plane
Min. measurable thk (mm)	3
Max. measurable thk (m)	>1000
Inspection sensitivity (mm)	±0.1
Repetition rate (kHz)	2300
Inspection couplant	Liquids

## Performance Specifications

Inspection speed (meter/min.) Higher speed on request	3
Max. inspection capacity (hours)	120
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.

