



IMPRESSIVE CORROSION LOG

MULTI-BARRIER CORROSION MONITORING

Characteristic	Description
Measurement Principle	Pulsed Eddy Current (PEC) physics principles
Dimensions	1-11/16" (43 mm)
Ratings	150deg C, 15,000 PSI
Measurements	Quantitative 3 pipe thickness evaluation
Conveyance	Wireline & Slickline
Acquisitions	Real Time and Memory Mode
Logging Speed Requirement	30ft/min (single pipe), 8ft/min (double pipe) and 6ft/min (triple pipe)
Measuring Range	2.362 in. ~ 18.625 in. (60 mm ~ 473.1 mm)
Max Wall Thickness	1.75 in. (44.4 mm) *accumulative
Application	<ol style="list-style-type: none"> 3 pipes thickness evaluation Qualitative 4th pipe evaluation Well integrity monitoring without the hassle of pulling out the tubing.



Wall Thickness Measurement

First Pipe Measurement

Maximum Pipe Wall Thickness	0.9 in. (22.86 mm)
Thickness Accuracy	0.0075 in. (0.190 mm)

First Pipe (2-7/8") minimum aperture	0.5 in. (12.7 mm)
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Second Pipe Measurement

Maximum Pipe Wall Thickness	1.2 in. (30.48 mm)
Thickness Accuracy	0.01 in. (0.254 mm)

Second Pipe (2-7/8" + 7") minimum aperture	1.5 in. (38.1 mm)
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Third Pipe Measurement

Maximum Pipe Wall Thickness	1.5 in. @ 0.06 in. Accuracy (38.1 mm @ 1.52 mm Accuracy)
Thickness Accuracy	0.06 in. (1.52 mm)

Third Pipe (2-7/8" + 13-3/8") Minimum Aperture **	3 in. (76.05 mm)
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