

NFA E-PIT Probes

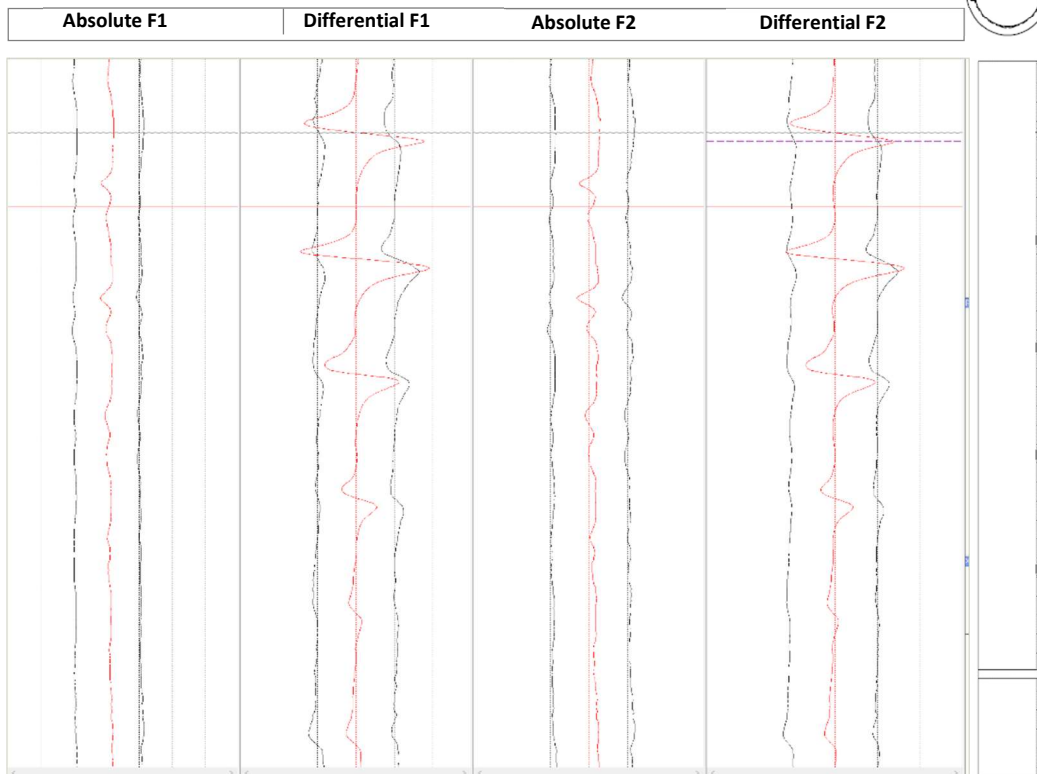
The NFA probe is designed to detect ID and OD cracks and pits in thick stainless steel tubes, such as super-heater tubes up to ½" in thickness. The probe can also detect ID and OD general wall loss.

Table 1. NFA probe detection sensitivity in thick stainless steel tubes up to ½" thick.

Defect type	Threshold of Detection (ToD)	Comment
Ø3/16" OD FBH's	10% deep	High sensitivity to ID & OD pits
Ø3/16" ID FBH's	20% deep	
0.025" wide axial circ OD notch	10% deep	High sensitivity to ID & OD cracks
0.025" wide axial circ ID notch	20% deep	
OD general wall loss	5% deep	High sensitivity to ID & OD general wall loss
ID general wall loss	10% deep	



NFA E-PIT Probe (above)



NFA Probe Data screenshot

FBH – Flat Bottom Hole
ID – Inner Diameter
OD – Outer Diameter