

ENHANCE PRODUCTIVITY.

INTRODUCING
PULSED EDDY
CURRENT ARRAY
(PECA)



PEC POWER. ARRAY PRODUCTIVITY.

The standard Eddyfi® pulsed eddy current array (PECA) probe is specifically engineered to maximize productivity for the detection of corrosion under insulation (CUI) and corrosion under fireproofing (CUF) in vessels, sphere legs, and more.

NEVER BEEN THIS FAST

The new 6-element PECA probe is capable of a single-pass coverage of 457 mm (18 in) in grid or high-resolution, dynamic mode. The wide coverage not only makes inspections faster than ever, but also minimizes inspection preparation with Grid-As-U-Go™. The coverage and accessory reduce gridding times dramatically compared to typical, single-element PEC. Displaying C-scans has never been this fast, improving overall inspection productivity as much as 10 times!

NEVER BEEN THIS GOOD

With an inspection productivity faster than ever before, PECA technology now outperforms other CUI inspection techniques currently available on the market in most circumstances. PECA enables you to perform in-service inspections with no need to remove insulation, through a wide variety of coatings and weather jackets. PECA can penetrate the entire material thickness to detect internal and external corrosion, and provide relative wall thickness measurements. Finally, the system is safe, as the technique emits no radiation.

- Inspects 100% of the wall thickness
- Provides relative wall thickness measurements
- Scans through a wide variety of coatings and weather jackets
- Unaffected by surface preparation
- Enables in-service inspections
- Safe for the operators, no radiation

BODY	PECA
CASING	Medium
CHANNELS	6
TOTAL COVERAGE	457 mm (18 in)
WALL THICKNESS	6–25 mm (0.25–1.00 in)
INSULATION/COATING THICKNESS (LIFTOFF)	25–102 mm (1–4 in)
ENCODER	16.04 counts/mm (407.44 counts/in)
WEATHER JACKET THICKNESS	Aluminum: 1 mm (0.04 in) Stainless steel: 1.5 mm (0.06 in)

**FIND OUT MORE AT
WWW.EDDYFI.COM/PECA-PROBE/**