

# BonPEC



BonPEC from ETHER NDE is an advanced Pulsed Eddy Current Technology (PECT) system designed for non-intrusive corrosion inspection of insulated and coated carbon steel pipes and vessels.

The system enables inspectors to detect and measure corrosion without removing insulation, coatings, or fire-proofing, reducing inspection time, cost, and operational disruption.

BonPEC provides reliable corrosion monitoring for in-service assets and supports modern asset integrity and corrosion under insulation (CUI) management programs.

## Key Features

- Inspect through insulation & protective coatings
- No surface preparation required
- Measure 2–65 mm wall thickness
- Up to 250 mm lift-off capability
- Operating Temperature from -150°C to 500°C through-insulation.
- Shielded probe design protects against false calls and minimises interference from external objects
- Complete system supplied in one rugged transport case.
- Viable single person operation
- No annual licensing or update fees.
- 12 months warranty, EtherCover available.
- Lifetime product support guarantee.

## Transparent Cost of Ownership

BonPEC is supplied with inclusive pricing, meaning there are no annual software licensing or update fees, helping organisations manage long-term inspection costs.

## BonPEC is ideal for industries where Corrosion Under Insulation (CUI) presents significant inspection challenges:

- Oil & Gas
- Petrochemical
- Power Generation
- Marine & Offshore
- Industrial Processing

## Typical inspection applications include:

- CUI monitoring
- In-service pipe inspection
- Storage tank shell inspection
- Insulated pressure vessels
- Offshore structures affected by marine growth

## Standard Kit Includes

- BonPEC inspection instrument
- Two inspection probes
- Integrated inspection software
- Tablet or touchscreen notebook option
- Cables and accessories
- Single rugged Pelican transport case

