



WT210 WiHART INTEGRITY MONITORING SYSTEM

Delivering real time wall thickness and temperature measurements from online equipment to your desk, enabling safer and more profitable operation of your facility.

Permanently installed sensors measure:

- Non-intrusive wall thickness measurement, using Permasense's proven waveguide transducers. Wall thicknesses: 3mm (0.12") to 150mm (6")
- Non-intrusive external pipe temperature measurement. Pipe operating temperatures: -180 °C (-300 °F) to + 600 °C (1100 °F)

Quick and easy to deploy at scale:

- Deploy anywhere - intrinsically safe devices
- Easy to deploy - wireless data delivery, battery powered, compact form factor. Sensors mount onto welded studs or Permasense clamps

Utilises second generation sensor platform:

- Ultra low power consumption enables battery life of up to 9 years
- WiHART radio - industry accepted standard, integrate with existing WiHART infrastructure, 100 devices per gateway

Available in marine version:

- Compact form factor: 180mm (7.5") tall
- Duplex metal components
- Tip seal to protect outside of pipe against corrosion in offshore environments

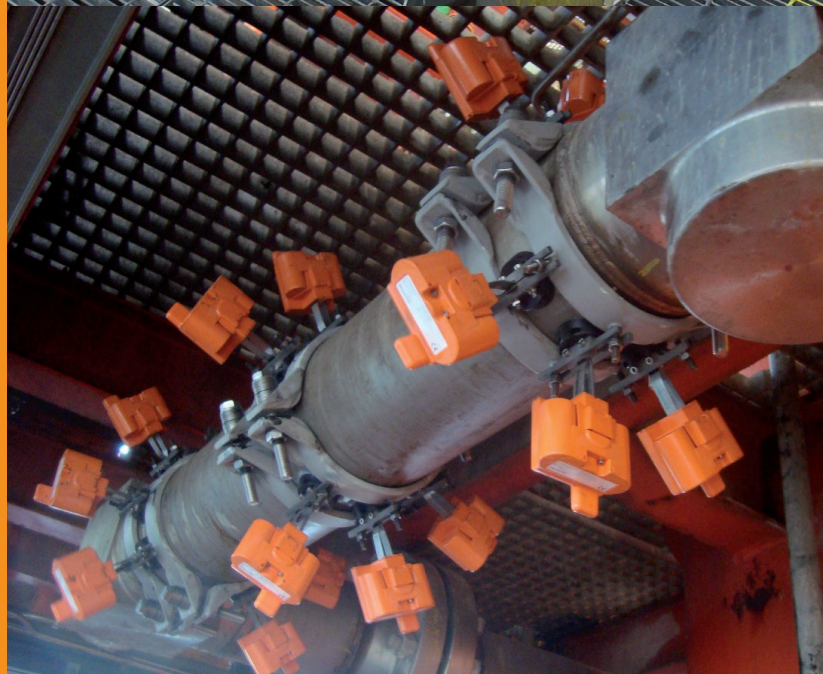
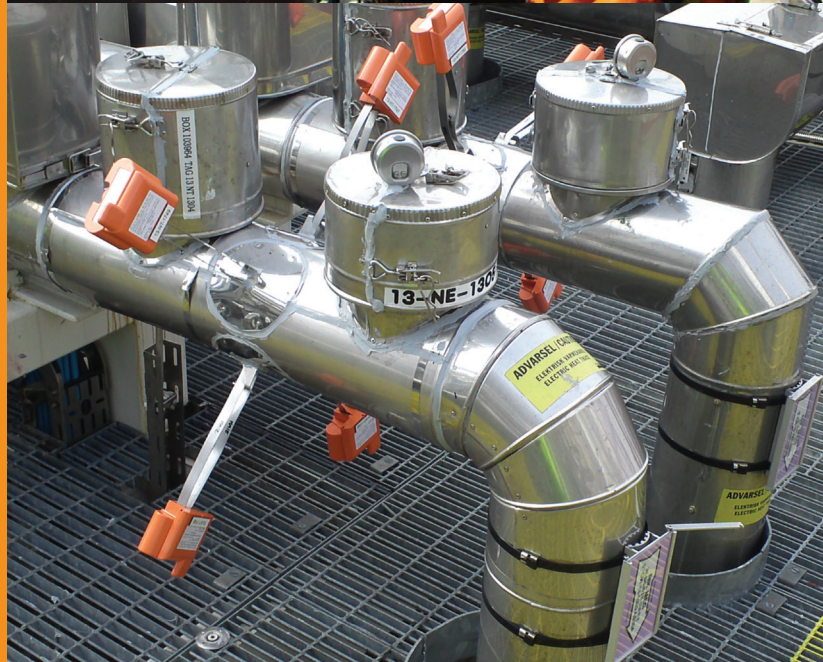
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**SYSTEM
DEPLOYED
IN OVER 120
FACILITIES
WORLDWIDE**

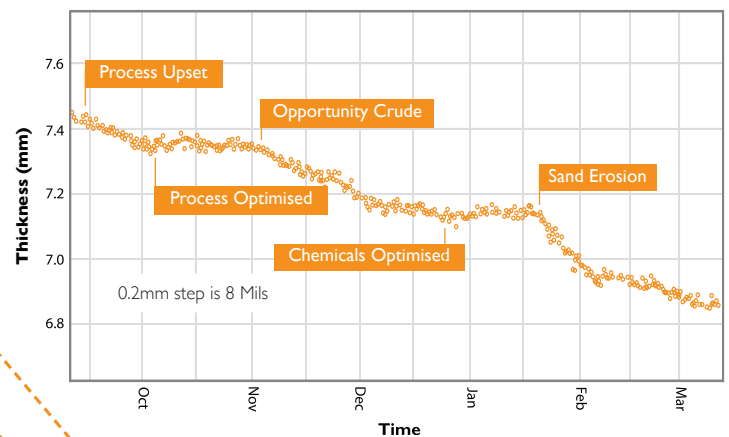
Corrosion or Erosion issues?

Permasense wireless integrity monitoring system can help

- Monitor plant integrity remotely: real time wall thickness data to desk
- Detect and measure corrosion or erosion rates with unprecedented speed and accuracy
- Safe, quick and easy to install on live plant: no cabling required
- Completely non-intrusive
- Maintenance free

Knowledge of plant integrity in real time allows

- Increased profitability: Increase production rates or diversify your crude slate
- Mitigate risk of loss of containment: Disaster aversion
- Monitor and optimise effectiveness of corrosion control strategies
- Minimise unplanned outages



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