



Revolutionizing Ultrasound Technology



Smart Tank™

Protecting Pipeline Integrity.

WHAT DO BSI SENSORS MONITOR?



Vibration

Assess the conditional health of your system to determine when something needs to be changed as opposed to simply changing components at predefined intervals, when it may or may not be necessary.



Cathodic Protection Performance

Remotely monitor the operability and effectiveness of existing and newly installed cathodic protection (CP) systems. Measures the tanks response to AC/DC fields and impressed current CP systems.



Corrosion

Remotely monitor pit growth, flaw and crack mitigation, and general metal loss.



Temperature/Humidity

Relationships and trends among temperature, humidity and corrosion/erosion rates are established and correlated to particular plant events.

- Monitor and measure bottom-side tank floor corrosion and corrosion rate in real time
- Optional in-tank topside corrosion monitoring
- Plug-and-Play or optional wireless communication for remote access
- Powerful all-inclusive user interface for customer monitoring
- Existing structures or new construction
- Class 1, Division 2 certification
- Effective in monitoring existing CP system performance



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