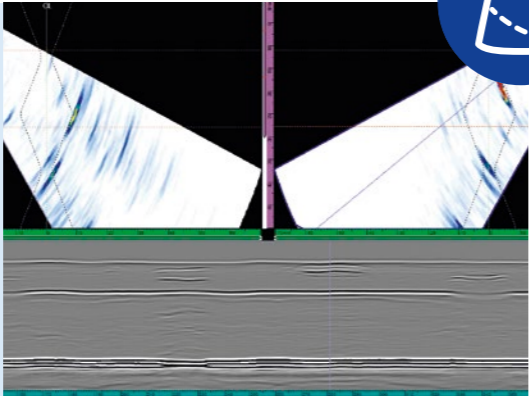



Vessel Inspection Solutions

Semiautomated Phased Array and TOFD for Shell Welds

Monitor the Structural Health of the Vessel, Detect Service Cracks, and Archive Your Data

- High-speed detection capabilities with intuitive imaging
- Reduced inspection time compared to radiography
- Immediate results enable you to detect and fix process problems right away

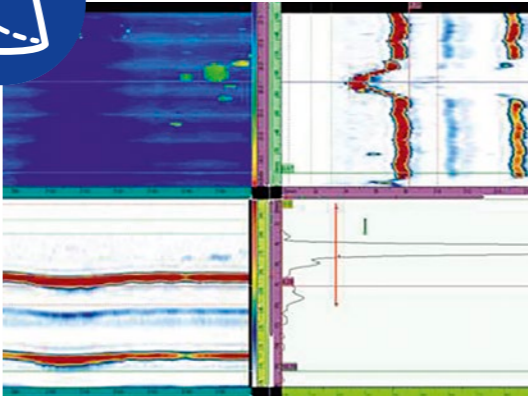





Conventional and Phased Array Ultrasound for In-Service Vessels

Detect and Map Corrosion at High Service Temperatures

- Save time and reduce cost with in-service inspection
- High-resolution corrosion mapping with phased array probes up to 300 °F (150 °C)
- Precise spot checking with conventional ultrasound up to 840 °F (450 °C)







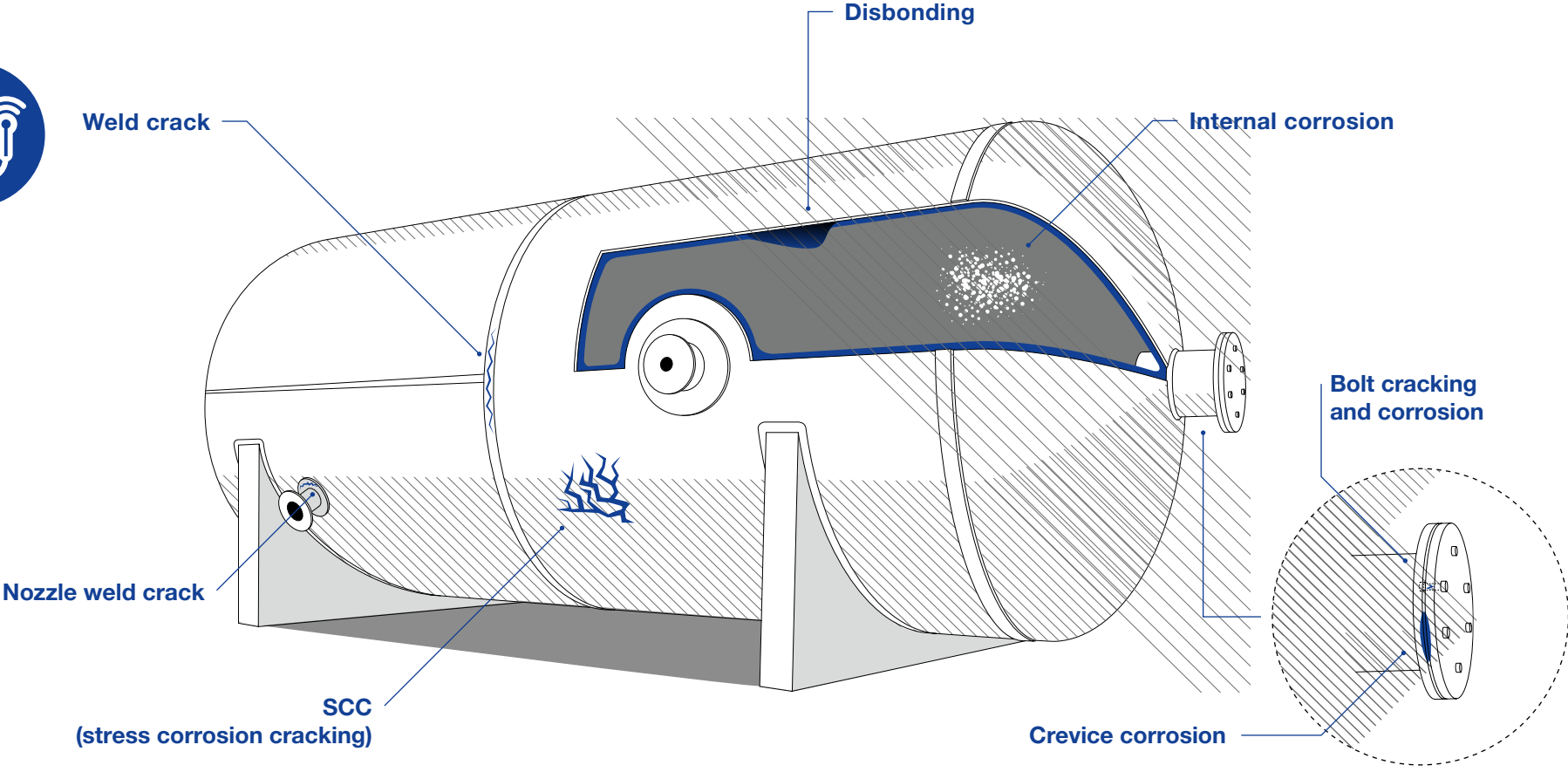
Rope Access Conventional Ultrasonic Testing for Nozzles

Inspect Nozzle Welds for Service Cracks, Even on Top of the Vessel

- Lightweight instrument facilitates rope access inspection
- Reduced inspection time compared to radiography
- Immediately quantifiable results enable fast on-site analysis









Rope Access Conventional Ultrasonic Testing for Spherical Shells

Spot Check for Corrosion

- Easy and fast setup and detection with dedicated corrosion probes
- High-precision measurement of remaining wall thickness
- Reach vessel heights with a lightweight and powerful instrument

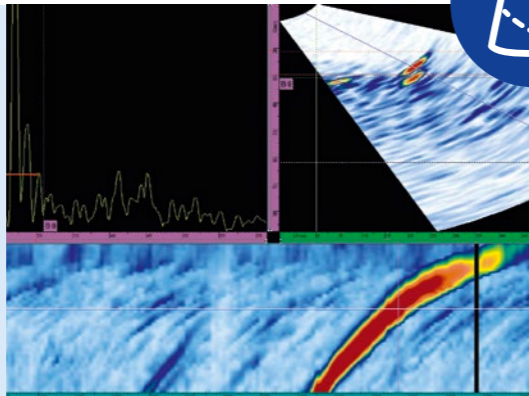





Automated Phased Array for the Cylindrical Shell

Map Corrosion at High Speed and Look for Disbonds and SCC at the Clad Layer

- High-speed detection capabilities with intuitive imaging
- Increased probability of detection with one data point every square mm
- Up to 1 mm near-surface resolution with dual linear array probes





Manual Phased Array for Flanges and Bolts

Inspect the Sealing Surfaces of Flanges for Crevice Corrosion and Detect Cracking in Flange Bolts

- Use the power of imaging for bolt crack detection
- Easy access between the flange bolts with phased array probes that have a small footprint
- Reach the flange area of interest with one sectorial phased array scan

