

SONOGRID

CORROSION MANAGEMENT SOFTWARE FOR THE SONOWALL 70

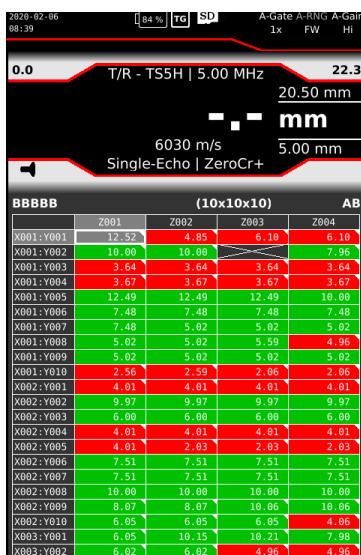
Corrosion and erosion defects are among the most common safety risks and reasons for production break downs in industrial environments such as refineries, pipeline networks, chemical plants, offshore platforms, storage tanks, etc. In order to maintain assets and to avoid hazards, ultrasonic thickness measurements are typically recorded frequently at pre-defined points creating a virtual grid on the surface of the test object. To help collect, organize and report readings efficiently, the **SONOWALL 70** ultrasonic thickness gage can be equipped with the SONOGRID corrosion management software.

- EFFICIENT AND RELIABLE MATRIX DATA COLLECTION
- VISUALIZATION OF TEST PATH THROUGH 3D GRID CREATION
- LIVE COMPARISON FUNCTION AND CORROSION RATE ESTIMATION
- REPRODUCIBILITY THROUGH GRID COPY FUNCTION AND DEVICE SETUP LIST
- EASY ATTACHMENT OF A-/B-SCANS AND UNLIMITED TEXT COMMENTS
- DIRECT DATA EXPORT TO MS-EXCEL AND CUSTOM REPORT GENERATION

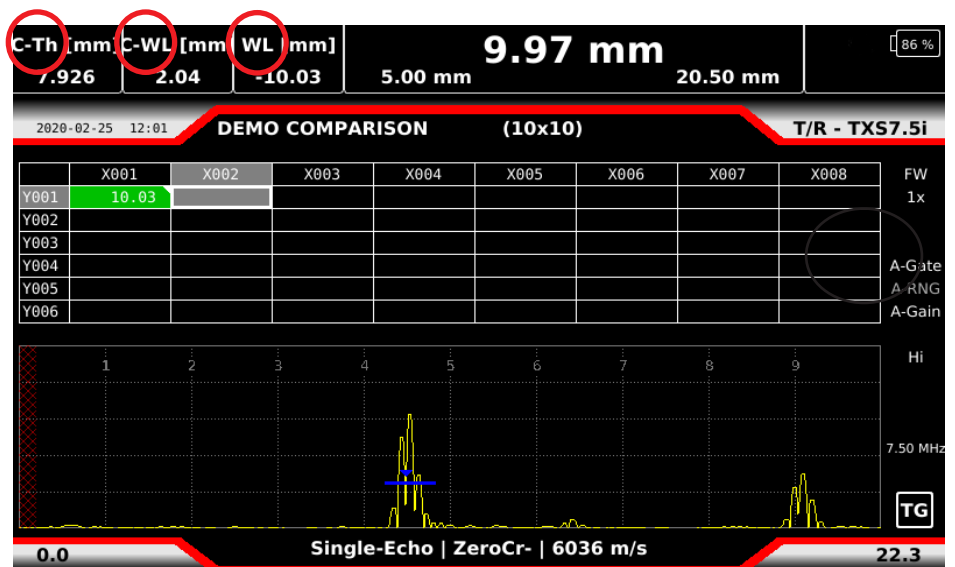


STRUCTURED DATA COLLECTION

- Matrix creation | Linear, 2D and 3D for efficient data collection and test path visualization
- Color coding | Visual indication of material condition and exceeded tolerances
- Live comparison | Each point can be compared to previously logged point to estimate corrosion rates



Efficient and reliable data collection with color coded grid visualization



Comparison mode including comparison thickness (C-TH), comparison wall loss (C-WL) and current wall loss from nominal value (WL)

