Technology Preview

# See It All. In High Resolution.

## Discover the Most Accurate Metal Loss Diagnostic Service

## Accuracy and Precision Matters

NDT Global's EVO UMx metal loss diagnostic service provides accurate decision-ready insights to pipeline operators facing challenging corrosion and interacting threats. The UMx service's high-resolution ultrasonic capabilities deliver detailed anomaly contours that ensure the most accurate pressure calculations for informed integrity management plans, minimize uncertainty and ensure the safety, integrity, and longevity of pipelines.

**Best For:**

- Liquid pipelines
- Pipelines prone to small metal loss anomalies with complex shapes and pits in corrosion
- Integrity management planning

**Features:**

Highest axial 0.75 mm (0.03 in) and circumferential resolution 2.0 mm (0.08 in)

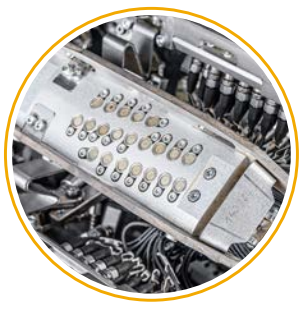
Detailed feature contours support accurate pressure calculations

Most accurate anomaly classification and identification of interacting threats

### Increased Sensor Density

High circumferential resolution increases detection capabilities for challenging metal loss defects such as small steep sided corrosion, metal loss pits within general corrosion, and pitting and pinhole anomalies.

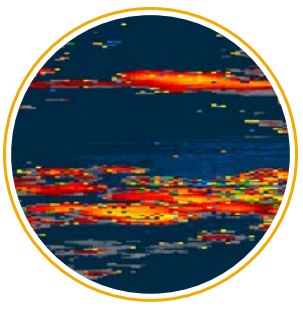
- Enhanced probability of detecting the deepest point of steep sided and jagged metal loss anomalies
- Lifetime integrity managment supported by high-resolution grid



### Detailed Metal Loss Feature Contours

Due to the increased number of reliable ultrasonic signals, EVO UMx delivers the most accurate metal loss data.

- Reduced probability that outliers will affect river bottom profiles of metal loss features
- The most accurate pressure calculations help avoid unnecessary pressure reductions and unneeded repairs on non-injurious features



### Most Accurate Classification and Identification

Improved detection and accurate sizing of complex corrosion, such as pits in pits or laminations interacting with metal loss.

- More efficient repair measures and precise integrity management plans
- Optimized diagnostic data delivers superior anomaly classifications and identification of interacting threats



NDT Global

**Let's Talk.**

www.ndt-global.com