

PureEM™ For Metallic Pipelines

Inline condition assessment technology for metallic pipelines that identifies anomalies in the pipe wall

PureEM Technology

Built on Pure's proven electromagnetic technology, PureEM can be used on a variety of metallic pipe materials such as steel, ductile iron and cast iron to detect defects such as broad areas of corrosion. The technology can be delivered using Pure's proven suite of platforms, such as PipeDiver®, PureRobotics™, and manned inspection tools.

The PureEM sensors detect pipe wall defects and provide an axial location and a qualitative ranking of the defect's size. Upon completion of the inspection, verification is required to quantify the wall thickness and provide an estimate of the remaining useful life of the pipe section.

Inspection Benefits

- Can be deployed on a variety of platforms to meet operational requirements
- Allows utilities to create prioritized pipeline repair, replacement and monitoring programs
- Able to identify defects through different liners such as mortar coatings

For more information on which metallic pipe solution is best for your utility, contact your local Pure Technologies representative.

