



ELECTROMAGNETIC ACOUSTIC TRANSDUCERS



VERSATILE, COST-EFFECTIVE INSPECTION

Electromagnetic Acoustic Transducer (EMAT) inspection is a highly versatile method. The EMAT pitch-catch ultrasound can maintain acoustic contact with rough surfaces, inspect a narrow area, and can scan faster than that of conventional pitch-catch ultrasound.



REPEATABILITY



HIGHLY
VERSATILE



INCREASES
ACCURACY



INSPECTION SERVICES OFFERED:

- CML Reassignment
- Pipeline Direct Assessments
- Weld Inspections
- Contact Points/Hangers/Pipe Support Inspection
- Fired and Unfired Furnaces/Heater Tube Inspections
- Tank Inspections
- Flare Stacks
- Performs 100% volumetric inspection
- Dead-end Piping

KEY ADVANTAGES:

- Can be utilized for online and offline applications
- Highly diverse
- Can inspect large areas at one time
- Lightweight, portable systems
- Capable of inspecting rough or coated surfaces without the need for couplant
- EMAT examinations provide 100% coverage
- Repeatability for localized and general corrosion

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