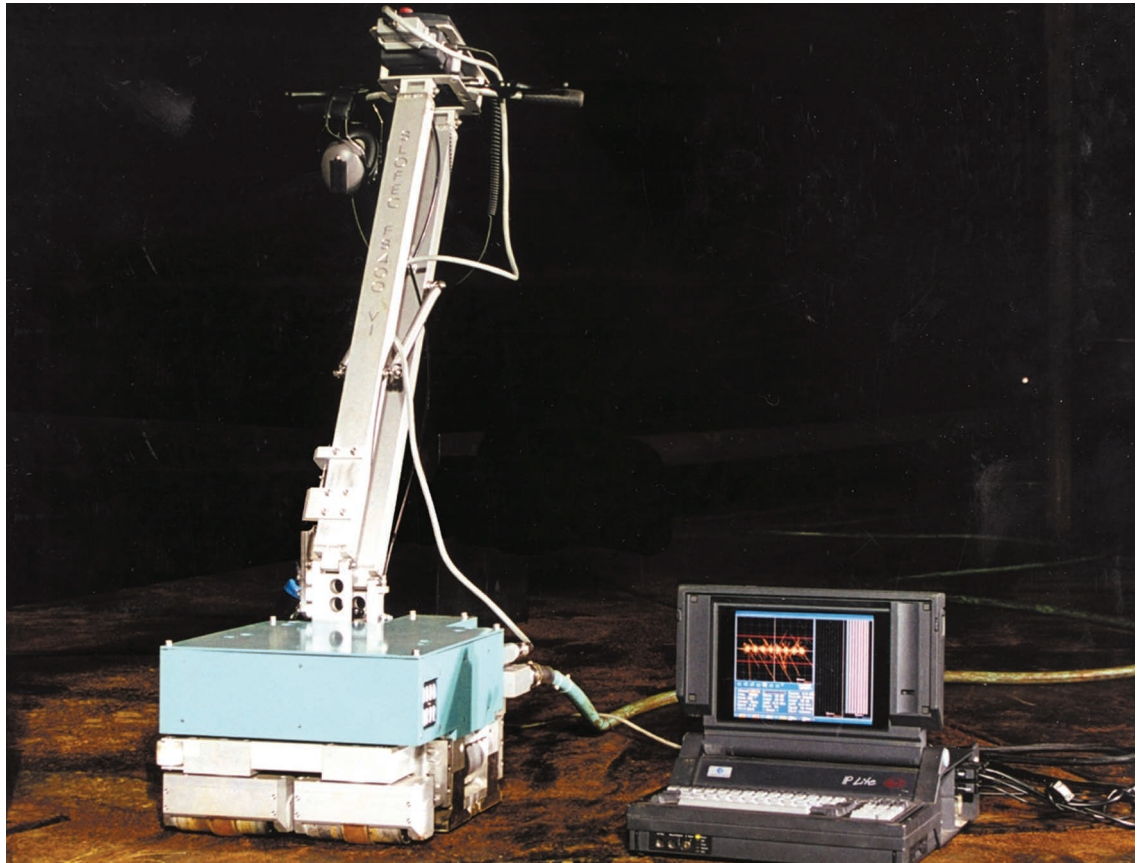




Protecting your world, one tank at a time®

TANK BOTTOM SCANNERS SLOFEC™ SCANNER



HMT offers reliable tank bottom scanning for fiberglass reinforced polymer coated tank bottoms (FRP). The Saturation Low Frequency Eddy Current (SLOFEC™) tank bottom scanner has the capability to induce sufficient current (flux) to inspect through coatings up to 300 mils thick by using an electro-magnet system. Because eddy current probes are used, the scanner (using the phase angle), can determine whether the defect is product-side, soil-side or both.

Additionally, the eddy current probe is sensitive enough to quantify soil side defects with minimal coating disturbance.

The SLOFEC™ technology has the ability to indicate if the coating thickness has changed beyond the calibration range. This precludes problems with sensitivity errors due to coating thickness changes.

The SLOFEC™ tank bottom scanner can handle the “prove-up” of detection areas on the soil side after calibration, and quantify, with sufficient accuracy, in order to make repair decisions. This initial calibration and “prove up” minimizes coating destruction.



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SLOFEC™ KEY BENEFITS

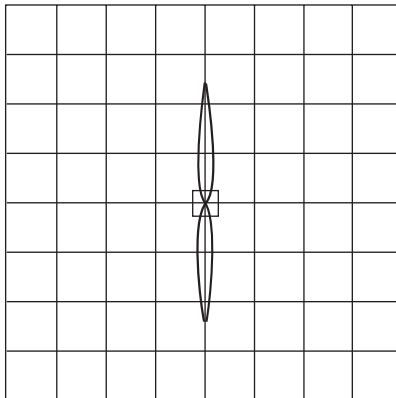
- Ability to scan through coatings that are up to 0.300" thick and are reinforced with fiberglass
- Minimizes the need to remove coating to accommodate bottom inspection and / or Ultrasonic "prove-up"
- Does not require Ultrasonic "prove-up" of located defects
- The capability to indicate which side of the plate the defect is located
- Provides accurate depth information and thus remaining wall information on located soil side corrosion pits
- Operates at speeds that are comparable to current MFL equipment



Distinction of the Surface / Subsurface defects when using the SLOFEC™ Scanner are shown below.

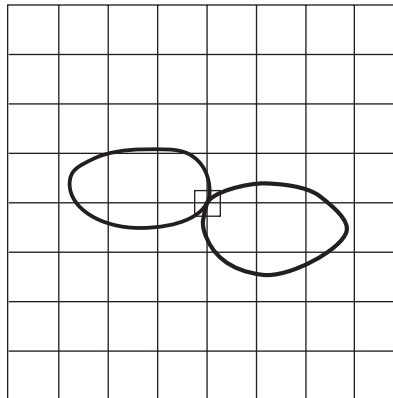
Signal display of:

- Subsurface defects
- Vertical signal orientation



Signal display of:

- Surface defects
- Horizontal signal orientation



ABOUT HMT

HMT is the global leader in aboveground storage tank solutions. HMT provides advanced solutions to reduce emissions, optimize tank capacity, reduce stranded inventory and engineer a tank system that exceeds safety standards and extends maintenance intervals.

HMT's full suite of tank products includes: Internal/External Seal Systems - Internal/External Floating Roofs - Drain and Floating Suction Systems - Aluminum Domes - Emissions Reduction Devices.

HMT's quality services include: Tank Repair & Maintenance - Floating Roof & Seal Repair/Replacement - Installation Services - Fabrication Services - Project Management/Turnkey - Inspection, Calibration, Verticality & Roundness Studies - New Tank Construction - Painting, Coating & Lining - Engineering Services.

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